

NEW

Durant Tool Company

Manufacturers of Coil Handling Equipment

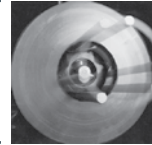


www.durantco.com

2011

Durant Tool Company

Manufacturers of
Coil Handling Equipment



Good Morning!

Here is your special copy of the completely new, full color DURANT TOOL Catalog, packed with 56 pages of the latest products and accessories for the coil handling and feeding industry.

Everything is at outstanding prices. For over 60 years Durant manufacturing, engineering and development have helped our customers worldwide, find superior items offering the finest quality and best dollar value.

Whatever you need or want, you will find it here. Check the handy contents column on the next page to help you find the right section.

See for yourself. Look through the catalog now and compare. I think you will agree that these are excellent products at prices among the lowest in the industry. I promise you that they will perform, trouble - free, over and over, for years and years.

**Durant products are warrantied for three full years against all material or workmanship failure. (See our warranty on page 55 for details.)
We will replace it or repair it.**

So pick out the items you need, and telephone, fax or mail in your order. We will do the rest. For even faster service, call TOLL FREE 1-800-D-DURANT between 8:00am and 4:30pm EST / DST. Or FAX 1-401-738-2586, 24 hours a day.

Either way our friendly, knowledgeable, customer service representatives are standing by, waiting to process your order -- quickly, accurately and completely.

How can you lose? Quality products! Competitive pricing! Reliable delivery! And every Durant item warrantied! If you are a long time Durant customer, you know that is true. If you have not done business with us before, try us now and you will find out that it really is.

I look forward to receiving your order, and I thank you in advance.

Sincerely,

Edward W. Bouclin
President

200 Circuit Drive, North Kingstown, RI 02852 • USA • Phone: 1-401-781-7800 • Toll Free: 800-338-7268 • Fax: 1-401-738-2586
www.durantco.com

TRAINED INTERNATIONAL DISTRIBUTOR NETWORK

Durant has 200 trained, experienced Metal Stamping Distributors, throughout North America, South America, Europe, Middle East and Asia. Use our toll free number.

**I-800-D-DURANT OR I-800-338-7268
FOR YOUR NEAREST METAL STAMPING DISTRIBUTOR.**

DURANT TOOL COMPANY

200 CIRCUIT DRIVE
NORTH KINGSTOWN,
RHODE ISLAND 02852 USA

Tele: (401) 781-7800
Fax: (401) 738-2586

INTERNET ADDRESS:
www.durantco.com



All components manufactured by Durant Tool Company are warrantied for three years against defects in material or workmanship, given normal and intended use. Durant will repair or replace all equipment at its discretion.

(See page 55 for details.)

CONTENTS	PAGES
Electronic Servo Feeds	4-8
GW Wire Feeds	9
Cut-To-Length Machines	10
Electronic Servo Feed with Pull Thru	11
Servo Feed / Straighteners.....	12
Electronic Servo Feed Options.....	13
Stock Oilers	14-15
Air Feeds	16-17
Pallet Decoilers	18-23
Combination Stock Reel / Straighteners	24
Loop Controls	25
Unwind / Rewind Reels	26-37
Combination Stock Reel / Straighteners	38
Powered Drive Rolls	39
Wire Straighteners	40
Stock Straighteners Unmotorized	41
Stock Straighteners Motorized	42-47
Motorized Scrap Cutters	48-49
Mascon Controls	50
Machine Bases	51
Count & Control Instruments	52-53

Feed Pro™ Electronic Servo Feeds

Low maintenance high performance machines...



HP-6
Servo Roll Feed

When making an investment in Electronic Servo Feeds, Electronic Servo Feeds with Pull Thru Straighteners or Electronic Servo Feeds with Stock Cutters for Cut-To-Length applications, Durant is the solution for your requirements. Durant is a team building the Electronic Servo Feed suited particularly for your application. Durant can provide you with our standard feed body and electronics package or make necessary modifications at a very reasonable cost. Durant manufactures Servo Roll Feeds that provide power, speed, and precision feed accuracy for all applications.

Durant Tool Company offers thirty models. All feed body parts are manufactured from precision CNC machine technology and have a black oxide machine tool finish. These low maintenance high performance machines incorporate the latest Servo technology.

The electronic control package consists of an operator interface keypad with the industries most user friendly roll feed software on the market today. The keypad contains various system performance data and accumulators.

See
Page 10



MP-6-SCP
Cut-To-Length Machine

SELECTION

Durant manufactures thirty standard models of high quality competitively priced Electronic Servo Feeds. Machines handle applications to .250" thick mild steel and 60" wide material. When feeding plastic, foam, fiber or materials other than steel, material thickness is considerably greater than stated maximum material thickness. Please contact Durant.

VERSATILITY

Durant Servo Feeds are built to handle materials thick or thin, narrow or wide, flimsy or rigid, in metal, plastic, foam, or paper. If our standard specifications do not meet your requirements, call Durant.

ACCURACY

Durant's high quality CNC machined feed body exceeds the manufacturing specifications of all other Servo Feed manufacturers. Cluster gears on top & bottom rolls for zero backlash regardless of material thickness

Durant's Electronic controls are combined with the most accurate feed body, to give you, our customer, the premier Electronic Servo Feed.



Feed Pro™ Electronic Servo Feeds

INSTALLATION

Installation is a snap with Durant. The MP and VP Series includes an adjustable mounting bracket as standard. Only four bolts are necessary for quick easy installation. The FP and HP Series allows for the heavy duty adjustable mounting bracket as an optional item. We recommend this item to make your installation and operation a smooth, trouble-free experience.

CONSTRUCTION

Every model is engineered and machined from the latest CNC Technology and black oxide finished to give our customers the premier Electronic Servo Feed.

COMPARISON

Put our Electronic Servo Feeds beside any other comparative unit you have heard about. We won't need to say anything more. You win with Durant! We win with you!

STANDARD MECHANICAL FEATURES

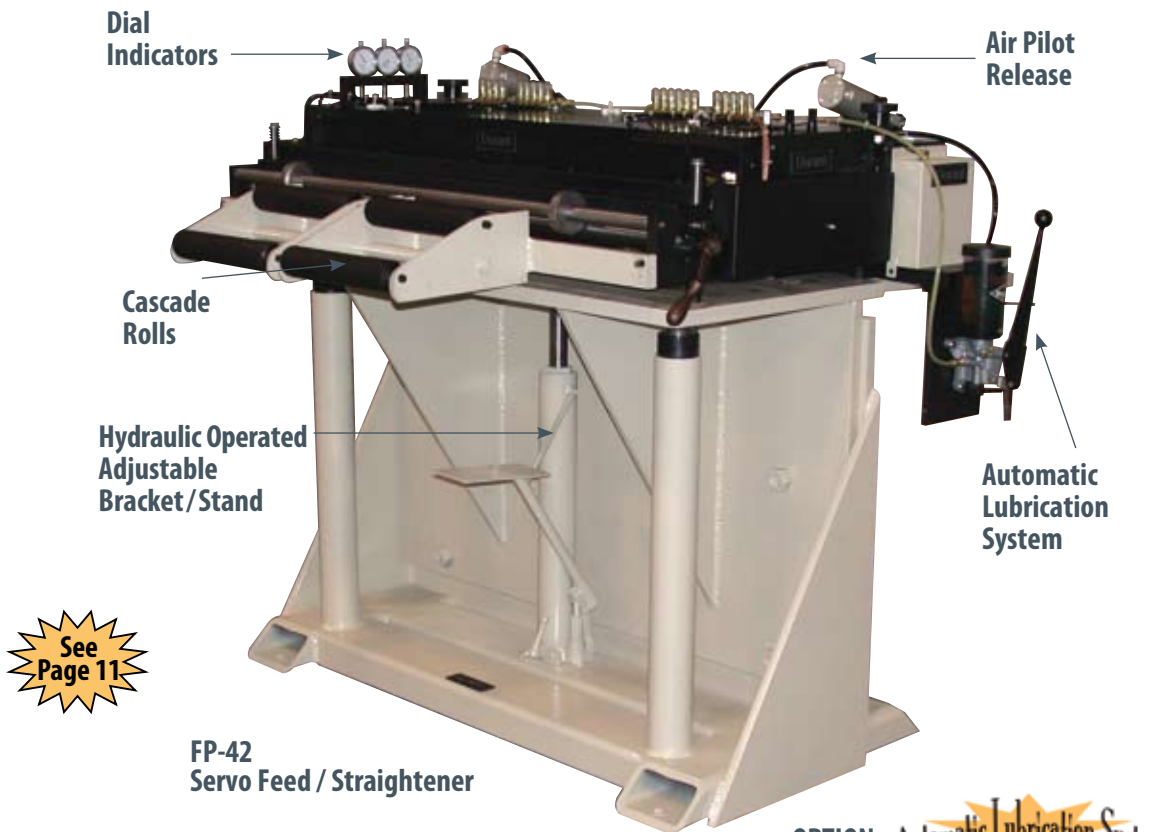
- Precision Machined construction.
- Black Oxide finished.
- Mechanical Pilot Release.
- Matte finished rolls.
- Zero maintenance sealed bearings.

- Cluster gears on top & bottom rolls for zero backlash regardless of material thickness.
- Zero maintenance low inertia pulley mounted with trantorque keyless bushing.
- Zero maintenance Kevlar belt which eliminates lubrication & wear.
- Brushless servo motor.
- Adjustable roller stock guides.
- Positive pressure die springs on upper roll.
- Cascade entry rolls.
- Color: Ivory or customer to specify.

STANDARD ELECTRIC CONTROL FEATURES

- Control enclosure is a rugged 24x20x12 free standing NEMA 12 cabinet. MP cabinet is 20x16x8" deep.
- Operator control: Power On/Off selector switch, Emergency Stop push-pull button, Index push button, Auto/Manual/Jog to Length selector switch & remote forward / reverse jog station.
- Operator interface keypad and display.
- Electronic Control is wired to JIC and NEC standards.

42" WIDE MATERIAL BY .040" THICK MILD STEEL.



See
Page 11

FP-42
Servo Feed / Straightener

OPTION: Automatic Lubrication System

MP-VP Series Servo Roll Feed

Durant's MP-VP Series Servo Roll Feeds are heavy duty, rugged machines for high speed, demanding applications up to .125" thick steel feeding requirements.

Feed body frames are manufactured with solid steel CNC technology. NO inexpensive castings that will fatigue and crack. All frames are dowel-pinned and screwed with precision components.

The #1 rated feed body, manufactured by Durant to the most rigid standards with The Allen Bradley Electronics Package, gives you, our customer, a trouble-free production investment.

\$5950⁰⁰
MP-3



MP-VP-3

STANDARD MECHANICAL FEATURES

- Precision Machined construction, solid steel.
- Black Oxide finished.
- Mechanical Pilot Release.
- Matte finished rolls.
- Zero maintenance sealed bearings.
- Cluster gears on top & bottom rolls for zero backlash regardless of material thickness.
- Zero maintenance low inertia pulley mounted with trantorque keyless bushing.
- Zero maintenance Kevlar belt which eliminates lubrication & wear.
- Brushless servo motor.
- Adjustable roller stock guides.
- Positive pressure die springs on upper roll.
- Casade entry rolls.
- Color: Ivory or customer to specify.

STANDARD ELECTRIC CONTROL FEATURES

- Control enclosure is a rugged free standing NEMA 12 cabinet 20x16x8" deep.
- Operator control: Power On/Off selector switch, Emergency Stop push-pull button, Index push button, Auto/Manual/Jog to Length selector switch & remote forward / reverse jog station.
- Operator interface keypad and display.
- Electronic Control is wired to JIC and NEC standards.

MP-VP SERIES SERVO ROLL FEED						
Model	Max. Material Width	Max. Thickness	Max. Feed Length	Roll Diameter	Input Voltage	Motor & AMP
MP-3	3"	.062	999.99	2.00	230/1/60	10 AMP RATING
MP-6	6"	.062	999.99	2.00	230/1/60	
MP-12	12"	.062	999.99	2.00	230/1/60	
MP-18	18"	.062	999.99	2.00	230/1/60	
MP-24	24"	.062	999.99	2.00	230/1/60	
VP-3	3"	.125	999.99	2.00	230/1/60	20 AMP RATING
VP-6	6"	.125	999.99	2.00	230/1/60	
VP-12	12"	.125	999.99	2.00	230/1/60	
VP-18	18"	.090	999.99	2.00	230/1/60	
VP-24	24"	.090	999.99	2.00	230/1/60	
VP-30	30"	.090	999.99	2.00	230/1/60	
VP-36	36"	.090	999.99	2.00	230/1/60	

OPTION: Pull Thru Stock Straightener. Air Roll Release.



FP Series Servo Roll Feed

Durant's FP Series Servo Roll Feeds are heavy duty, rugged machines for high speed, demanding applications up to .210" thick steel feeding requirements.

Feed body frames are manufactured with solid steel CNC technology. NO inexpensive castings that will fatigue and crack. All frames are dowel-pinned and screwed with precision components.

The #1 rated feed body, manufactured by Durant to the most rigid standards with The Allen Bradley Electronics Package, gives you, our customer, a trouble-free production investment.

STANDARD MECHANICAL FEATURES

- Precision Machined construction, solid steel.
- Black Oxide finished.
- Mechanical Pilot Release.
- Matte finished rolls.
- Zero maintenance sealed bearings.
- Cluster gears on top & bottom rolls for zero backlash regardless of material thickness.
- Zero maintenance low inertia pulley mounted with trantorque keyless bushing.
- Zero maintenance Kevlar belt which eliminates lubrication & wear.
- Brushless servo motor.
- Adjustable roller stock guides.
- Positive pressure die springs on upper roll.
- Casade entry rolls.
- Color: Ivory or customer to specify.

STANDARD ELECTRIC CONTROL FEATURES

- Control enclosure is a rugged 24x20x12 free standing NEMA 12 cabinet.
- Operator control: Power On/Off selector switch, Emergency Stop push-pull button, Index push button, Auto/Manual/Jog to Length selector switch & remote forward/reverse jog station.
- Operator interface keypad and display.
- Electronic Control is wired to JIC and NEC standards.

OPTIONS:

- Air pilot release with Open / Close / Automatic selector switch on Electronic control
- Adjustable Mounting Bracket (up to 4 inch adjustment)
- Air operated roll hold down tension
- Urethane Rolls
- Knurled Rolls
- Straighteners

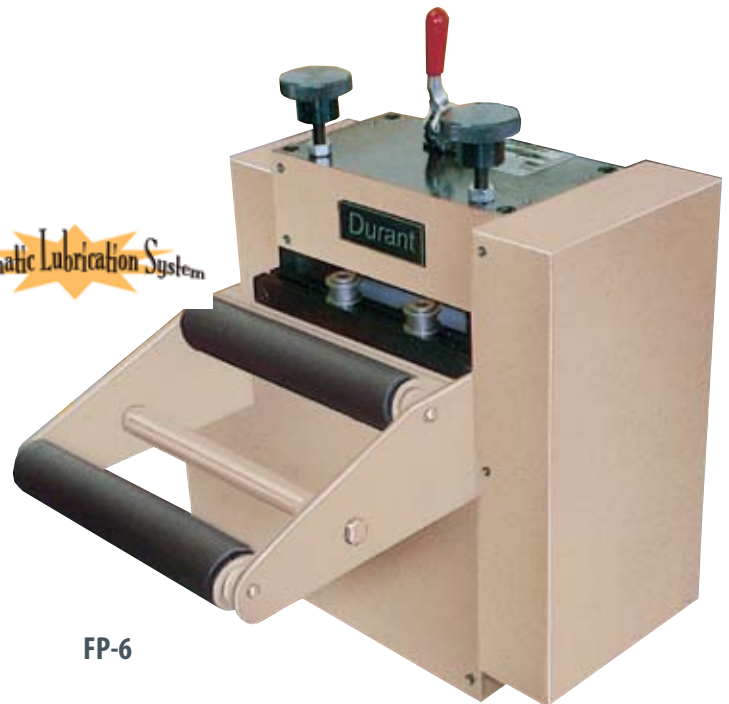


FP-24

FP SERIES SERVO ROLL FEED						
Model	Max. Material Width	Max. Thickness	Max. Feed Length	Roll Diameter	Input Voltage	Motor & AMP
FP-3	3"	.210	999.99	2.75	230/1/60	20-30 AMP RATING
FP-6	6"	.181	999.99	2.75	230/1/60	
FP-12	12"	.156	999.99	2.75	230/1/60	
FP-18	18"	.125	999.99	2.75	230/1/60	
FP-24	24"	.125	999.99	2.75	230/1/60	
FP-30	30"	.090	999.99	2.75	230/1/60	
FP-36	36"	.090	999.99	2.75	230/1/60	

OPTION: Air Pilot Release.

Automatic Lubrication System



FP-6

FP-HP
Control Cabinet

HP Series Servo Roll Feed

Heavy Duty HP Series Servo Roll feed Delivers: POWER! SPEED! PERFORMANCE! PRECISION FEEDING ACCURACY!



HP-6

Durant's HP Series Servo Roll Feeds are heavy duty, rugged machines for high speed, demanding applications up to .250" thick steel feeding requirements.

Feed body frames are manufactured with solid steel CNC technology. NO inexpensive castings that will fatigue and crack. All frames are dowel-pinned and screwed with precision components.

The #1 rated feed body, manufactured by Durant to the most rigid standards with The Allen Bradley Electronics Package, gives you, our customer, a trouble-free production investment.

STANDARD MECHANICAL FEATURES

- Precision Machined construction, solid steel.
- Black Oxide finished.
- Mechanical Pilot Release.
- Matte finished rolls.
- Zero maintenance sealed bearings.
- Cluster gears on top & bottom rolls for zero backlash regardless of material thickness.
- Zero maintenance low inertia pulley mounted with trantorque keyless bushing.
- Zero maintenance Kevlar belt which eliminates lubrication & wear.
- Brushless servo motor.
- Adjustable roller stock guides.
- Positive pressure die springs on upper roll.
- Cascade entry rolls.
- Color: Ivory or customer to specify.

STANDARD ELECTRIC CONTROL FEATURES

- Control enclosure is a rugged 24x20x12 free standing NEMA 12 cabinet.
- Operator control: Power On/Off selector switch, Emergency Stop push-pull button, Index push button, Auto/Manual/Jog to Length selector switch & remote forward / reverse jog station.
- Operator interface keypad and display.
- Electronic Control is wired to JIC and NEC standards.

HP SERIES SERVO ROLL FEED						
Model	Max. Material Width	Max. Thickness	Max. Feed Length	Roll Diameter	Input Voltage	Motor & AMP RATING
HP-6	6"	.250	999.99	3.50	220/1/60	30-75 AMP RATING
HP-12	12"	.210	999.99	3.50	220/1/60	
HP-18	18"	.187	999.99	3.50	220/1/60	
HP-24	24"	.156	999.99	3.50	220/1/60	
HP-30	30"	.125	999.99	3.50	220/1/60	
HP-36	36"	.090	999.99	3.50	220/1/60	
HP-48	48"	.065	999.99	3.50	220/3/60	
HP-60	60"	.040	999.99	3.50	220/3/60	

OPTION: Air Pilot Release.

Servo Wire Feeders



GW-2



GW-3

WIRE FEEDER SPECIFICATIONS			
Model	Pulling Capacity	Number Drive Rolls	Roll Diameter
GW-1	150 lbs.	2	2.56"
GW-2	300 lbs.	2	2.56"
GW-3	500 lbs.	4	2.56"

Mechanical Roll Release Standard

OPTIONS:

- Pneumatic Roll Release
- Pneumatic Cutters for Cut-to-Length
- Heavy Duty Adjustable Mounting Bracket
- Wire Straighteners



**You make \$\$\$ with the
Durant Wire Payoff and Uncoilers.
Durant Uncoilers are Productivity Performers!
We Guarantee it!**

Cut-To-Length Machines

The Compact, Economical, Efficient Cut-To-Length Machines...

The Durant feeding and shearing machines include a built-in electronic servo feeder. It is extremely versatile and eliminates the need of using an oversized press for simple cut-to-length operations.

Our machine is a base mounted, compact design which requires only an air line and power supply. The main features include a control with display, speed potentiometer, safety guard, and powerful shock absorbers for quiet operation.

Shearing knife clearances can be accurately preset with a screw adjustment. The strip is accurately fed to the knives with horizontal guide rollers which keep the strip straight and perfectly perpendicular to the cut.

CUT-TO-LENGTH MACHINES				
Model	Max Material Width	Max Material Thickness (Mild Steel)	Cutting Length	Input Power
MP3-SCP	3"	.040"	0-999"	230 VAC
MP6-SCP	6"	.046"	0-999"	230 VAC
VP6-SCP	6"	.068"	0-999"	230 VAC
MP12-SCP	12"	.068"	0-999"	230 VAC
VP12-SCP	12"	.068"	0-999"	230 VAC
MP18-SCP	18"	.060"	0-999"	230 VAC
VP18-SCP	18"	.080"	0-999"	230 VAC
VP24-SCP	24"	.090"	0-999"	230 VAC
VP24-LSCP	24"	.068"	0-999"	230 VAC

OPTION: Solid Carbide Cutting Blades



MP-12-SCP



MP-6-SCP

Electronic Servo Feed *with Pull Thru Straightener*

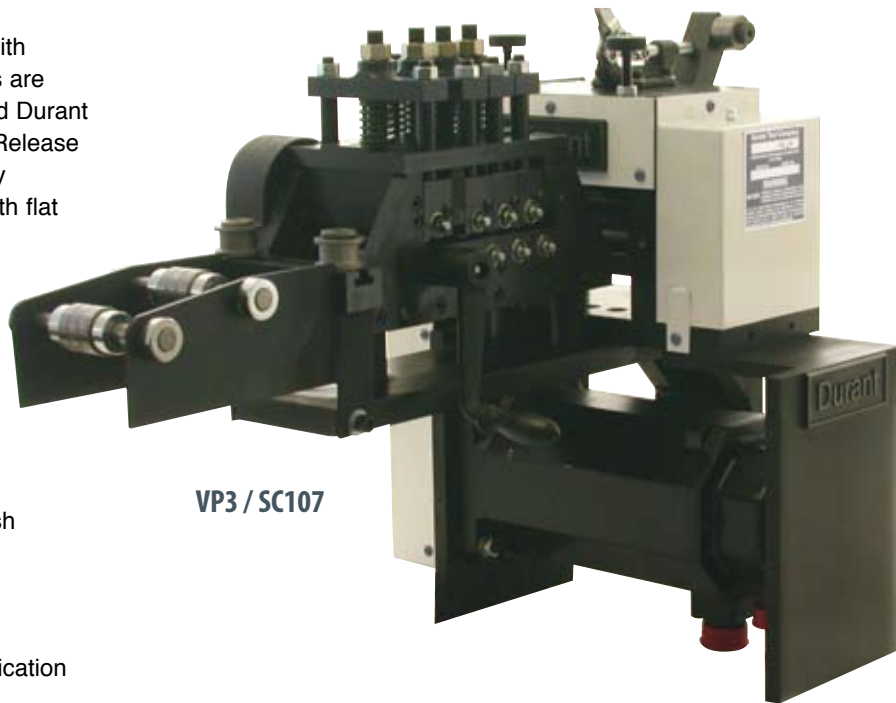
Durant has the largest selection of Servo Roll Feeds with spacesaving, Pull Thru Stock Straighteners. All models are equipped with adjustable mounting stands/cabinets and Durant precision Stock Straighteners. Mechanical or Air Pilot Release on the straighteners is a very desirable option for many applications. Durant offers the Servo Roll Feeds for both flat stock straightening and wire straightening/feeding.

STANDARD MECHANICAL FEATURES

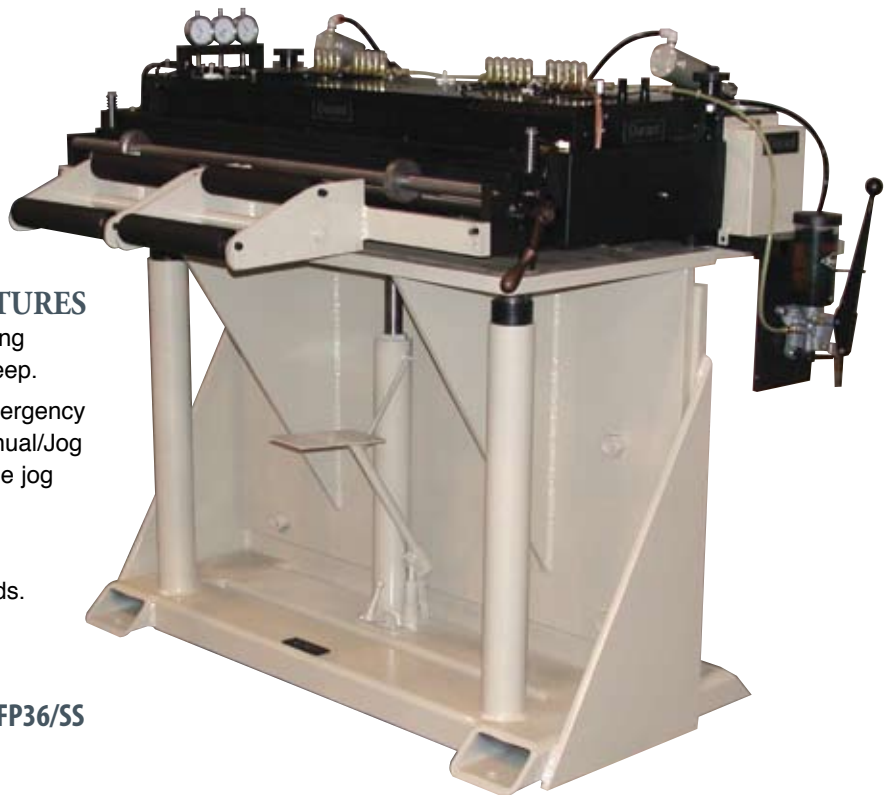
- Precision Machined construction, solid steel.
- Black Oxide finished.
- Matte finished rolls (Servo Feed).
- Zero maintenance sealed bearings (Servo Feed).
- Cluster gears on top & bottom rolls for zero backlash regardless of material thickness (Servo Feed).
- Zero maintenance low inertia pulley mounted with trantorque keyless bushing.
- Zero maintenance Kevlar belt which eliminates lubrication & wear.
- Brushless servo motor.
- Adjustable roller stock guides.
- Positive pressure die springs on upper roll.
- Casade entry rolls.
- Color: Ivory or customer to specify.
- Dial indicators (Straightener).

STANDARD ELECTRIC CONTROL FEATURES

- Control enclosure is a rugged 24x20x12 free standing NEMA 12 cabinet. MP & VP cabinet is 20x16x8" deep.
- Operator control: Power On/Off selector switch, Emergency Stop push-pull button, Index push button, Auto/Manual/Jog to Length selector switch & remote forward / reverse jog station.
- Operator interface keypad and display.
- Electronic Control is wired to JIC and NEC standards.



VP3 / SC107



FP36/SS

All Durant Flat Stock Straighteners can be mounted on our Electronic Servo Feeds for a Compact, Space Saving Straightening / Feeding machine.

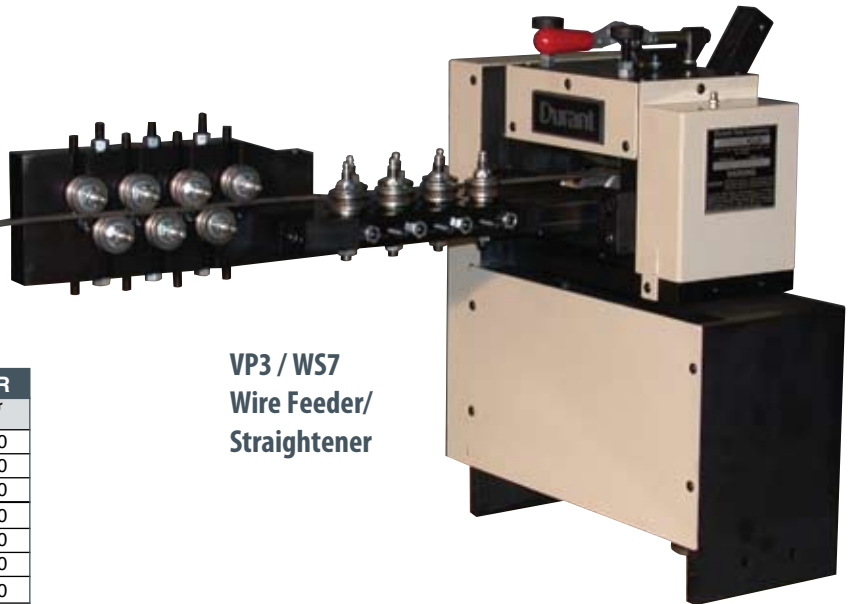
Electronic Servo Feed *with Pull Thru Straightener*

VP-3/WS-7 Servo Feed/ Straightener

When your application requires straightening and feeding wire to a precise length, look to Durant.

Our space saving, economical wire straighteners/ feeders will handle most applications.

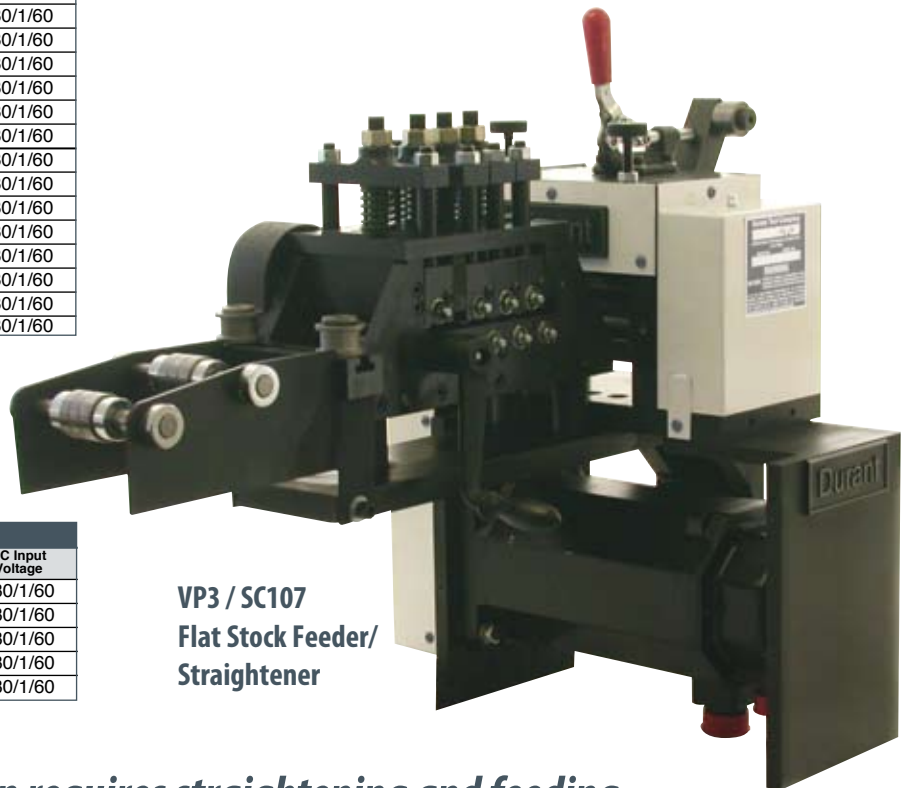
Our technical staff will discuss your application and engineer the proper machines for your job.



**VP3 / WS7
Wire Feeder/
Straightener**

FLAT STOCK SERVO WITH PULL THRU STRAIGHTENER					
Model	Max. Material Width	Max. Material Thickness	Feed Roll Diameter	No. Str. Rolls	AC Power Input
MP-3/SC107	3"	.040"	2"	7	230/1/60
MP-6/SC27	6"	.040"	2"	7	230/1/60
MP-12/SC57	12"	.040"	2"	7	230/1/60
VP-3/SC107	3"	.080"	2"	7	230/1/60
VP-6/SC27	6"	.080"	2"	7	230/1/60
VP-12/SS	12"	.080"	2"	5	230/1/60
VP-18/SS	18"	.062"	2"	5	230/1/60
VP-24/SS	24"	.062"	2"	5	230/1/60
VP-30/SS	30"	.062"	2"	5	230/1/60
VP-36/SS	36"	.062"	2"	5	230/1/60
FP-3/SS	3"	.110"	2.75"	5	230/1/60
FP-6/SS	6"	.100"	2.75"	5	230/1/60
FP-12/SS	12"	.100"	2.75"	5	230/1/60
FP-18/SS	18"	.080"	2.75"	5	230/1/60
FP-24/SS	24"	.065"	2.75"	5	230/1/60
FP-30/SS	30"	.060"	2.75"	5	230/1/60
FP-36/SS	36"	.055"	2.75"	5	230/1/60
HP-6/SS	6"	.115"	3.50"	5	230/1/60
HP-12/SS	12"	.100"	3.50"	5	230/1/60
HP-18/SS	18"	.080"	3.50"	5	230/1/60
HP-24/SS	24"	.065"	3.50"	5	230/1/60
HP-30/SS	30"	.060"	3.50"	5	230/1/60
HP-36/SS	36"	.055"	3.50"	5	230/1/60
HP-48/SS	48"	.050"	3.50"	5	230/1/60
HP-60/SS	60"	.045"	3.50"	5	230/1/60

OPTIONS: Air Pilot Release
Mechanical Pilot Release



**VP3 / SC107
Flat Stock Feeder/
Straightener**

WIRE SERVO ROLL FEED/STRAIGHTENER				
Model	Wire Diameter	Feed Roll Diameter	No. Str. Rolls	AC Input Voltage
MP-3/WS007	up to .062"	2"	14	230/1/60
VP-3/WS-7	up to .120"	2"	14	230/1/60
FP-3/WS-7	up to .156"	2.75"	14	230/1/60
VP-3/WS-7H	up to .140"	2"	14	230/1/60
FP-3/WS-7H	up to .180"	2.75"	14	230/1/60

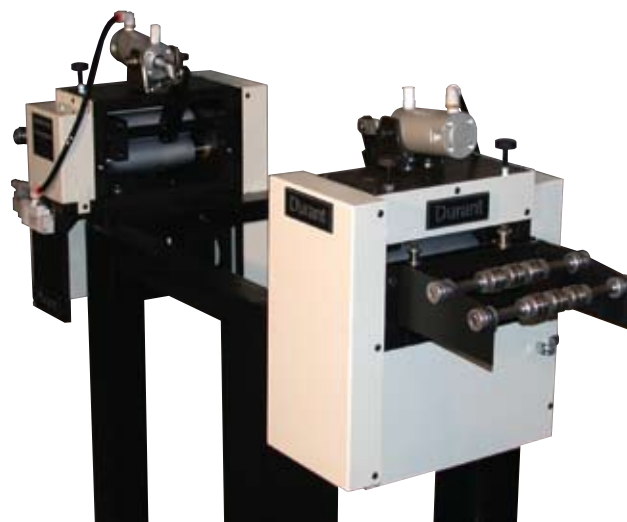
***When your application requires straightening and feeding wire to a precise length, look to Durant.
Our space saving, economical wire straighteners/feeders will handle most applications.***



Electronic Servo Feed *Options*

Double Servo Roll Feeds (Push / Pull)

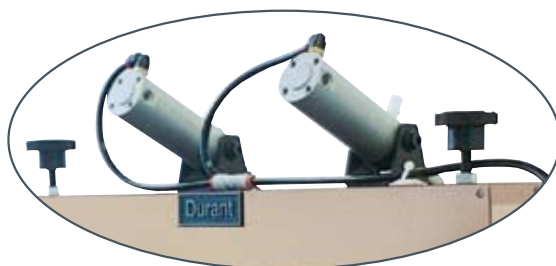
When feeding thin, delicate material, the Double Servo Roll Feed is the best machine recommendation. Two synchronized feed bodies, simultaneously pushing and pulling the material, eliminates buckling associated with gaskets, foils, and other delicate materials. One control station services the dual tandem feed bodies. All Durant Servo Roll Feeds are available in double models. Call Durant with your requirements!



Pneumatic Pilot Release

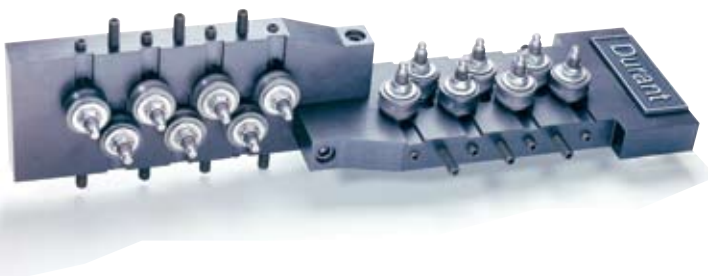


Heavy Duty Adjustable Mounting Bracket

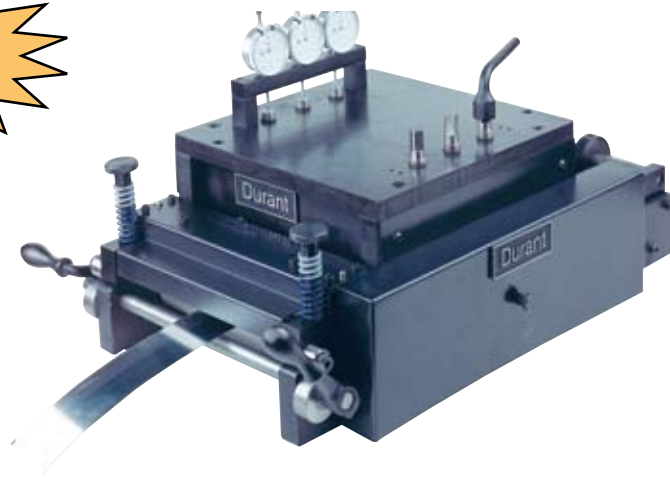


Pull Thru Straighteners . . .

See
Pages 11-12
& Pages 40-41



WS-7 Wire Straightener



SS-10 Flat Stock Straightener

Pilot Release Pull Thru Straighteners . . .

Call Durant!

Stock Oilers

Keep Your Material Running Smoothly!

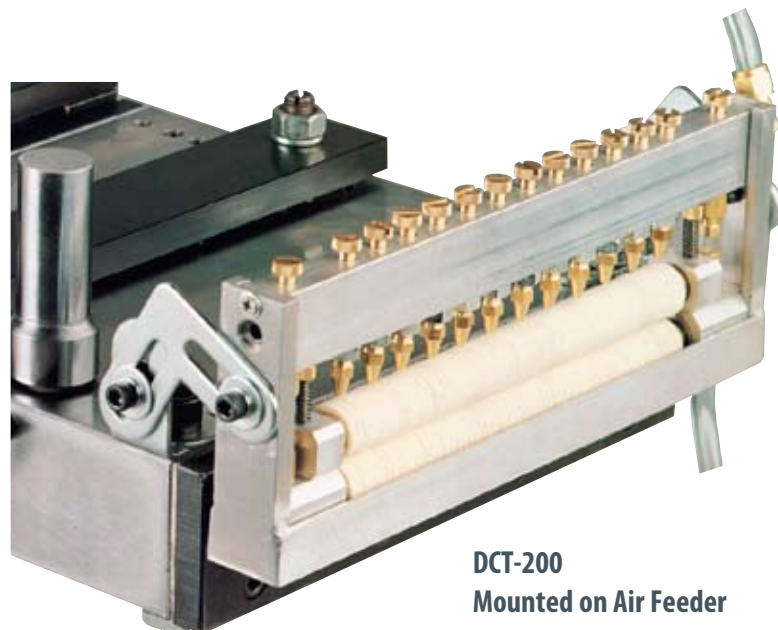
Slim Style Stock Oiler

Features and Benefits:

- Oil can be supplied evenly and thinly to the upper and lower surfaces of the material, prolonging the life of your tools.
- This machine is equipped with two rollers, upper and lower. Oil can be precisely positioned on each part of your tool as required.
- A filter screen is located in the oil supply reservoir allowing for re-use.
- Both the upper and lower rollers are made of high quality and density felt.
- Installation in two minutes!
- Aluminum alloy body and its surface is protected with a specialized treatment that is extremely durable.
- A mounting bracket is included which is suitable for all installations.
- Adjustable valves precisely control oil flow onto rollers, preventing over lubricating and waste of oil.
- Optional electric pump and 2.6 gallon tank allows for automatic timing with your press.

SLIM STYLE STOCK OILER				
MODEL	MAX. MATERIAL WIDTH	MATERIAL THICKNESS	MACHINE THICKNESS	MACHINE HEIGHT
DAT 65	2 1/2"	.004 - .240	1 3/4"	6"
DAT 80	3"	.004 - .240	1 3/4"	6"
DAT 100	4"	.004 - .240	1 3/4"	6"
DAT 150	6"	.004 - .240	1 3/4"	6"
DAT 200	8"	.004 - .240	1 3/4"	6"
DAT 250	10"	.004 - .240	1 3/4"	6"
DAT 300	11 3/4"	.004 - .240	1 3/4"	6"
DAT 400	15 3/4"	.004 - .240	1 3/4"	6"
DAT 500	19 3/4"	.004 - .240	1 3/4"	6"
DAT 600	23 1/2"	.004 - .240	1 3/4"	6"
DAT 700	27 1/2"	.004 - .240	1 3/4"	6"
DAT 800	31 1/2"	.004 - .240	1 3/4"	6"
DAT 1000	39 1/2"	.004 - .240	1 3/4"	6"

Can be installed on all Air Feeds and Roll Feeds.



DCT-200
Mounted on Air Feeder



DCT-150
Mounted on Roll Feeder

STOCK OILER				
MODEL	MAX. MATERIAL WIDTH	MATERIAL THICKNESS	MACHINE THICKNESS	MACHINE HEIGHT
DCT 80	3"	.004 - .080	1 3/4"	5 1/2"
DCT 100	4"	.004 - .080	1 3/4"	5 1/2"
DCT 150	6"	.004 - .080	1 3/4"	5 1/2"
DCT 200	8"	.004 - .080	1 3/4"	5 1/2"
DCT 250	10"	.004 - .080	1 3/4"	5 1/2"
DCT 300	11 3/4"	.004 - .080	1 3/4"	5 1/2"
DCT 350	13 3/4"	.004 - .080	1 3/4"	5 1/2"
DCT 400	15 3/4"	.004 - .080	1 3/4"	5 1/2"

Stock Oilers

Options



SD1 standard accessories



Options 1 DET Lubricant tank with electromagnet valve and level switch:

The lubricant tank equipped with electromagnet valve is capable of feeding the lubricant synchronously with the press. It lubricates when the press is in operation, and stops feeding oil when the press stops. Connected to the press control, it stops the press when the lubricant tank is out of oil. (Voltage of electromagnet valve: 110V or 220V)



Options 2 DSET 1 Stainless lubricant tank with electromagnet valve:

The lubricant tank equipped with electromagnet valve is capable of feeding the lubricant synchronously connected to the press control system. It lubricates when the press is in operation, and stops feeding oil when the press stops. (Voltage of electromagnet valve: 110V or 220V)



2.6 gallon tank

Options 3 DAT1 Electrical pump oil tank

The electrical pump oil tank can be connected to the press control system for simultaneous oiling. It automatically feeds oil when the press is operating and stops feeding oil when the press stops. (Voltage of the electrical pump: 110V, 220V or 380V)

Durant Air Feeds

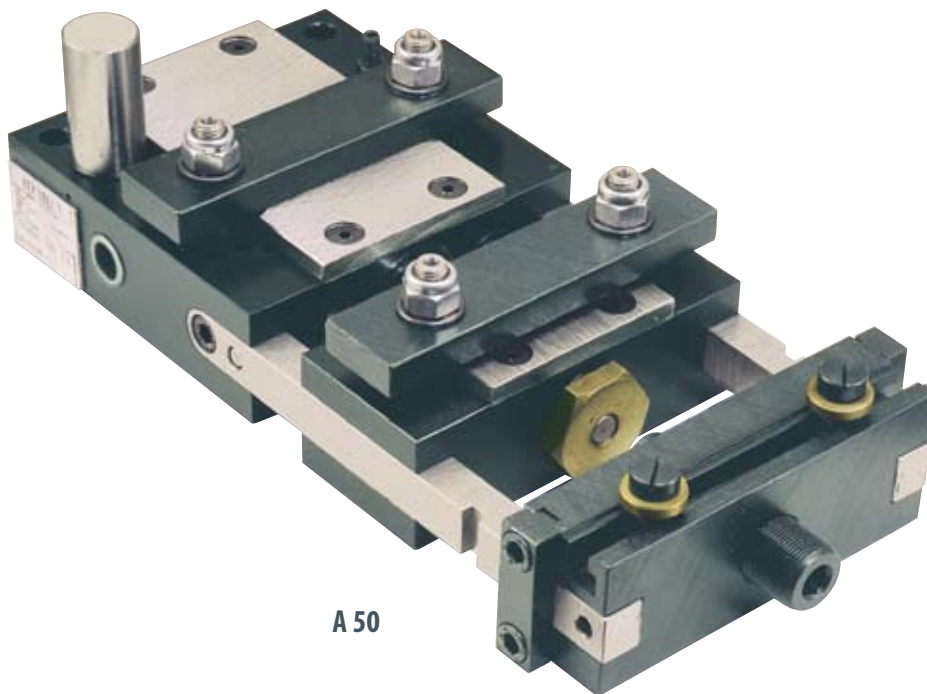
Productivity Performers

To make sure your production facility can take advantage of the precision control and high speed effectiveness of the Durant Air Feed, we make 75 different models.

If you are making something small in metal, plastic or paper, look to our A-50. This unit offers a 2" maximum width, a 2" maximum stroke, a .079" maximum thickness, and can operate at speeds up to 270 strokes per minute. Of course, that is just where things start out. Where they end up is the Maxi Model TK3 which handles width up to 24" , with a maximum stroke of 12" , a maximum thickness of .100", and offers delivery capability of up to 40 units a minute. Every production need in between is covered.

When you look at Durant, you will be looking at a number of special features you are not likely to find anywhere else. All units are built with extra thick wear plates, dual air cushions, hardened heavy duty guide rails, and hardened brass cylinder liners.

To make your coil feeding even better, Durant Air Feeds come with a complete line of accessories. Each is designed to do its job perfectly ... each is designed to work perfectly with your Durant unit.



A 50

UNIQUE FEATURES FOUND ON ALL DURANT MODELS

- Dual air cushions for durability, quiet operation, and the elimination of hammering.
- Extra thick stainless wear plates on both main body and feeding body. Provides smoother faster operating rates, extended feed life, and enables the handling of unique wire and material configurations.
- Hardened brass bushings inside the main feed body reduce wear and failure associated with other air feeds.
- Oversized hardened guide rails.
- Oversized air pistons and feed grippers.
- Material support rollers.

SELECTION

Now you can feed materials from .002" to .200" thick. And widths as wide as 24". With 75 models available, Durant has a model just right for your application.

VERSATILITY

Durant is built to see you through thick or thin, narrow or wide, flimsy or rigid, in metal, plastic or paper. Cost effective production always starts with Durant...and ends at the bottom line.

COMPARISON

Put our Durant Air Feed units beside any other comparative unit you have heard about. We won't need to say anything more.

CONSTRUCTION

Every model in the line from standard to maxi is heavily constructed and totally sealed to insure trouble free operation, even in the most hostile factory environments.

INSTALLATION

Installation is a snap with Durant. Simply insert two bolts through mounting holes (standard air feed spacing), and bolt it to the press table or bolster plate. Next, fix a striker to the press ram and connect the air supply, (75 to 120 PSI). The second the striker is touched by the actuator on the feed, the feed goes into action. The feed length can be altered at any time by simply adjusting the stop on the air feed.

ACCURACY

Our sophisticated series of controls enables Durant to achieve accuracy of 0.001" for a couple of reasons. First of all, the feed material is always in the solid grip of either the feed clamp or the holding clamp so it cannot slip or misfeed. Secondly, even if it is maladjusted, the special shock absorbing air cushions at each end of the stroke prevent bounce.

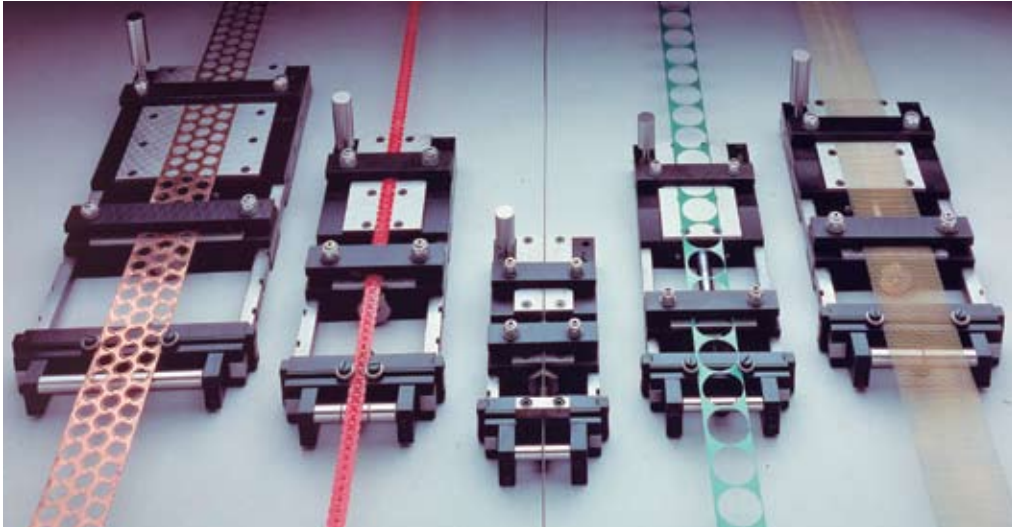
Are Air Feed Replacement Parts Costing You \$\$\$ And Production Time?

Call Durant!

We Have The Solution To Your Problems!

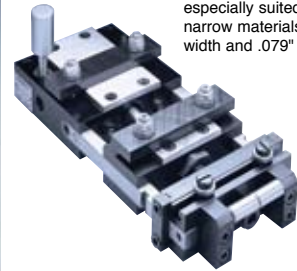


Durant Air Feeds



Standard Models

The standard models are especially suited for feeding narrow materials less than 4" in width and .079" thickness.



Heavy Duty Model

The Heavy Duty Series incorporates unique engineering features with pulling capacities of 238 lbs. and 475 lbs. and material widths to 24".



Accessories for Greater Productivity!

Filter - Regulator - Lubricator:

Regulate, filter, and lubricate the flow of air to the feed. Recommended for all applications.

Stock Clamp-Pilot Release:

When pilot pins are located in your dies, stock clamp pilot release is required. Both spring actuated and electric actuated available.

Electric Actuation:

For feed lengths longer than 6", or other applications where conventional actuation is impractical, this unit will take care of your problems. Available in 115 volts or 220 volts.

Operator Safety Guard:

Steel reinforced protection device - Recommended for all models.

Thin Material Guiding Device:

Recommended for .002" to .010" thick material that may tend to buckle.

Multi Stroke Actuation:

For applications that require longer lengths of feed than the model permits with a single stroke.

REMOTE AIR ACTUATION:

Another alternative actuation technique.

Stock Straightener Attachment:

Stock Straighteners can be added to all model air feeds providing a modular space-saving combination unit for both straightening and feeding.

Stock Oiler Attachment:

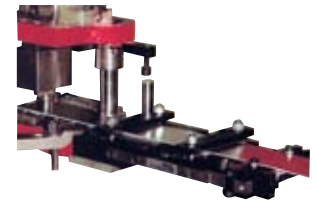
Modular stock oilers can be added to all model air feeds at a small additional cost. "Durant Thin Line" stock oilers add long life to your tooling and dies.

Note: Durant stock oilers can be fitted to all manufacturers' air feeds or roll feeds.

Model	Maximum Strip Width (Inches)	Maximum Stroke (Inches)	Maximum Strip Thickness	Strokes Per Minute	Pulling Capacity (Pounds)
STANDARD MODELS					
A 50	2	2	.079	280	53
A 100	2	4	.075	200	53
A 150	2	6	.067	160	53
A 200	2	8	.060	130	53
A 250	2	10	.047	110	53
B 50	3	2	.079	260	53
B 100	3	4	.071	190	53
B 150	3	6	.060	150	53
B 200	3	8	.055	110	53
B 250	3	10	.051	90	53
C 50	4	2	.067	210	53
C 100	4	4	.062	160	53
C 150	4	6	.062	120	53
C 200	4	8	.051	90	53
C 250	4	10	.047	80	53
MIDDLE MODELS					
BX 50	3	2	.110	260	100
BX 100	3	4	.106	180	100
BX 150	3	6	.094	150	100
BX 200	3	8	.079	120	100
BX 250	3	10	.079	90	100
CX 50	4	2	.094	240	100
CX 100	4	4	.083	170	100
CX 150	4	6	.071	140	100
CX 200	4	8	.065	110	100
CX 250	4	10	.065	90	100
DX 50	6	2	.075	220	100
DX 100	6	4	.075	160	100
DX 150	6	6	.075	140	100
DX 200	6	8	.065	110	100
DX 250	6	10	.050	90	100
HEAVY DUTY MODELS					
P 1	6	4	.165	140	238
P 2	6	8	.165	120	238
P 3	6	12	.165	70	238
S 1	8	4	.120	140	238
S 2	8	8	.120	120	238
S 3	8	12	.120	70	238
Z 1	12	4	.120	140	238
Z 2	12	8	.120	120	238
Z 3	12	12	.100	70	238
V 1	18	4	.120	120	475
V 2	18	8	.100	100	475
V 3	18	12	.080	80	475
V 4	18	16	.070	60	475
K 1	24	4	.100	110	475
K 2	24	8	.080	95	475
K 3	24	12	.070	75	475
K 4	24	16	.060	55	475
MAXI MODELS					
TZ 1	12	4	.200	115	710
TZ 2	12	8	.180	80	710
TZ 3	12	12	.160	60	710
TK 1	24	4	.140	80	710
TK 2	24	8	.120	75	710
TK 3	24	12	.100	40	710

Typical Application

Typical standard model application with plunger type actuation and die mounted feed.



Operator Safety Guard



Electric Actuation Pilot Release Clamp



Stock Oiler



Uncoilers & Pallet Decoilers

When your uncoiling application calls for pallet decoilers, it's time to call Durant. Why?

1. Durant has more than 60 years experience in uncoiling all types of materials in probably every type of application.
2. Durant manufactures the largest selection of pallet decoilers and also vertical (traditional) uncoilers.
3. Durant offers a standard 3 year warranty on all uncoilers.
4. Durant product engineering, quality, manufacturing and components are rated #1.
5. Durant pricing is always at the most competitive levels.
6. Durant customer service specialists are a team focusing on your needs. We're not satisfied until you are!

FEATURES:

- No dangerous turntable pinch points (Note: Other manufacturers have many casters and drive wheels under turntable creating dangerous pinch point for operator's fingers.)
- Heavy duty, rugged turntable and base construction.
- 3 year warranty.
- Reverse turntable direction rotation with flip of the switch. No mechanical adjustments or torque systems to install.
- No drive wheels or casters to clean or replace.
- Easy loading of entire pallets of coil stock.
- Requires no slack loop. Can be placed within 2 feet of press.
- Models to 12,000 lb. capacity.
- Speeds to 70 rpm.
- Turntable diameters to 72" O.D.
- Special material guide drums to 24" wide.
- Urethane drum option.
- Coil lock option.
- Rubber anti-slip turntable mat option.
- Special sizes to customer specifications.
- Custom paint colors to customer specifications.
- Quick response regenerative drive that enhance acceleration and deceleration option.
- Versatile machine that handles most press, roll forming, and wire forming applications.
- Proven in the field for 25 years.

Automatic Speed Control

Reverse Turntable with Flip of the Switch

Manual Speed Control Override Feature

Rugged 1/2" Thick Solid Steel Turntable
(Will not Deflect or Dent with Forklift Loading)

Heavy Duty Gear Box
No Drive Wheels to Replace

(2) Heavy Duty Bearings

\$3900⁰⁰



Model #3525-42

Uncoilers & Pallet Decoilers

PALLET DECOILER SPECIFICATIONS				
Model	Weight Capacity	Max. Turntable RPM	Turntable Diameter	Motor H.P.
1212-30	1200 lbs.	0-12	30"	1/2
1225-30	1200 lbs.	0-25	30"	1/2
1250-30	1200 lbs.	0-50	30"	1/2
3512-42	3500 lbs.	0-12	42"	1/2
3525-42	3500 lbs.	0-25	42"	1/2
3550-42	3500 lbs.	0-50	42"	1/2
5012-42	5000 lbs.	0-12	42"	1
5025-42	5000 lbs.	0-25	42"	1
5050-42	5000 lbs.	0-50	42"	1
5012-48	5000 lbs.	0-12	48"	1
5025-48	5000 lbs.	0-25	48"	1
5050-48	5000 lbs.	0-50	48"	1
6012-48	6000 lbs.	0-12	48"	1
6025-48	6000 lbs.	0-25	48"	1
6050-48	6000 lbs.	0-50	48"	1
7512-52	7500 lbs.	0-12	52"	2
7525-52	7500 lbs.	0-25	52"	2
7512-60	7500 lbs.	0-12	60"	2
7525-60	7500 lbs.	0-25	60"	2
8512-60	8500 lbs.	0-12	60"	2
8525-60	8500 lbs.	0-25	60"	2
10M-12-60	10,000 lbs.	0-12	60"	3
10M-25-60	10,000 lbs.	0-25	60"	3
12M-12-60	12,000 lbs.	0-12	60"	5
12M-25-60	12,000 lbs.	0-25	60"	5

OPTIONS:

- Coil lock.
- Rubber anti-slip turntable covering.
- Stock straightener.
- Customer specified turntable diameter.
- Regenerative drive/braking.
- Special color (black standard).
- Larger weight capacity to 12,000 lbs.
- Faster turntable speed to 70 RPM.
- Wider material stock drum to 24".
- Urethane drum.

TURNTABLE DIAMETERS:

30", 36", 42", 48", 52", 60", 72"

NOTE: Support Casters standard on 60" and 72" turntables and can be specified at no charge on all other diameters.



Wire Payoffs

Uncoiling wire is simple and trouble-free when using the Durant Variable Speed Motorized Wire Payoffs. Only the Durant Wire Payoff eliminates the problems associated with wire twists and tangles. The positive drive system smoothly pays out the wire through a heavy duty guiding system with built in accumulator. The "quick response" regenerative drive feeds the wire accurately to your wire forming machine. If your wire stands are loaded in the opposite manner, a flip of the switch quickly reverses the turntable rotation.

WIRE UNCOILER SPECIFICATIONS				
Model	Weight Capacity	Max. Turntable RPM	Turntable Diameter	Motor H.P.
W-1025-30	1000 lbs.	0-25	30"	3/4
W-1050-30	1000 lbs.	0-50	30"	3/4
W-1070-30	1000 lbs.	0-70	30"	3/4
W-2025-42	2000 lbs.	0-25	42"	1
W-2050-42	2000 lbs.	0-50	42"	1
W-2070-42	2000 lbs.	0-70	42"	1
W-3525-42	3500 lbs.	0-25	42"	1
W-3550-42	3500 lbs.	0-50	42"	1
W-3570-42	3500 lbs.	0-70	42"	1
W-5050-52	5000 lbs.	0-50	52"	2

Standard Features:

- Wire stand locks.
- Accumulator / wire guide.
- Regenerative drive / braking.
- Coil stand lock.

Options:

- Special color (black standard).
- Larger turntable diameter and/or weight capacity.
- Faster turntable RPM.

**No Mechanical Contraptions
to Fool with!
No Drive Wheels that
Wear and Slip!**



Model #W-3550-42

***You make \$\$\$ with the Durant Wire Payoff and Uncoilers.
Durant Uncoilers are Productivity Performers! We Guarantee it!***

"N" Series Pallet Decoilers

"N" SERIES
HEAVY DUTY
PALLET DECOILER

SPECIAL FEATURES INCLUDE:

1. Heavy duty, rugged, base construction
2. Ideal for thin material
3. Quick height adjustment feature allows material roller to be moved smoothly and accurately with hand wheel.
4. No potentiometers to fail or break. Only Durant uses a state of the art sensor in place of potentiometers.
5. Quick response regenerative drive that enhances acceleration and deceleration is standard equipment on all models.
6. Adjustable acceleration and deceleration.
7. Emergency stop circuit.
8. Largest motor H.P. in its class.
9. Advanced and user friendly controls. The most flexibility to handle all applications.
10. Table rotation can be reversed with the flip of a switch.
11. Easy to move within factory.
12. Proven in the field for 25 years.

"N" SERIES PALLET DECOILER SPECIFICATIONS					
Model	Weight Capacity	Stock Width	Max. Turntable RPM	Turntable Diameter	Motor H.P.
N1212	1200 lbs.	6"	0-12 RPM	36", 42"	3/4
N1225	1200 lbs.	6"	0-25 RPM	36", 42"	3/4
N1250	1200 lbs.	6"	0-50 RPM	36", 42"	3/4
N3512	3500 lbs.	6"	0-12 RPM	42"	3/4
N3525	3500 lbs.	6"	0-25 RPM	42"	3/4
N3550	3500 lbs.	6"	0-50 RPM	42"	3/4
N5012	5000 lbs.	6"	0-12 RPM	48"	3/4
N5025	5000 lbs.	6"	0-25 RPM	48"	3/4
N5050	5000 lbs.	6"	0-50 RPM	48"	3/4
N6012	6000 lbs.	6"	0-12 RPM	48"	1
N6025	6000 lbs.	6"	0-25 RPM	48"	1
N6050	6000 lbs.	6"	0-50 RPM	48"	1
N7512	7500 lbs.	6"	0-12 RPM	48"	1 1/2
N7525	7500 lbs.	6"	0-25 RPM	48"	1 1/2
N7550	7500 lbs.	6"	0-50 RPM	48"	1 1/2
N8512	8500 lbs.	6"	0-12 RPM	60"	2
N8525	8500 lbs.	6"	0-25 RPM	60"	2
N10M-12	10,000 lbs.	6"	0-12 RPM	60"	3
N10M-25	10,000 lbs.	6"	0-25 RPM	60"	3
N12M-12	12,000 lbs.	6"	0-12 RPM	60"	5
N12M-25	12,000 lbs.	6"	0-25 RPM	60"	5

TURNTABLE DIAMETERS:

30", 36", 42", 48", 52", 60", 72"

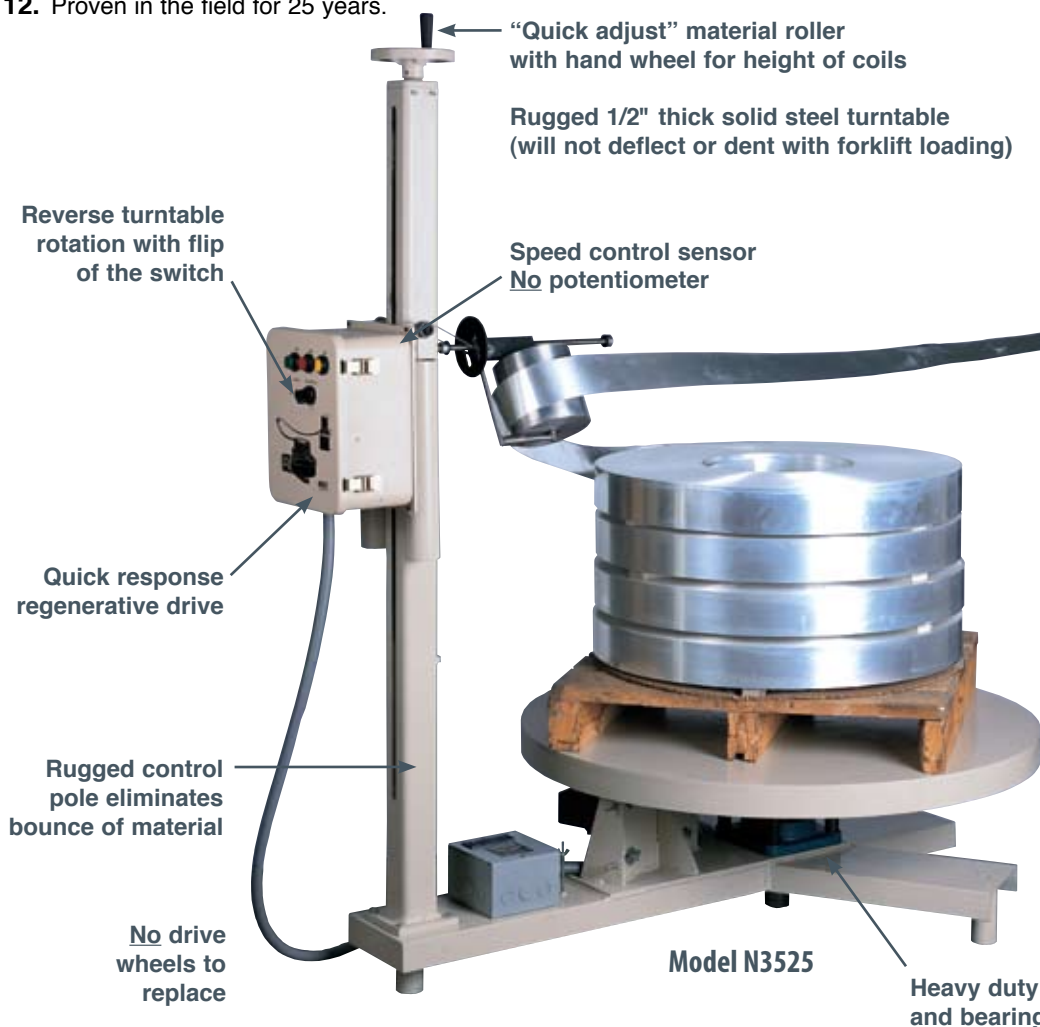


STANDARD

EQUIPMENT: Regenerative Drive Control that enhance acceleration and deceleration.

OPTIONS:

- Wide stock guide drums – Up to 24 inches.
- Urethane drum – Provides greater material protection.
- Wire control guide head – For wire stock applications.
- Coil lock.
- Rubber turntable mat – Provides non-slip surface.
- Custom paint applications.



"R" Series Pallet Decoilers

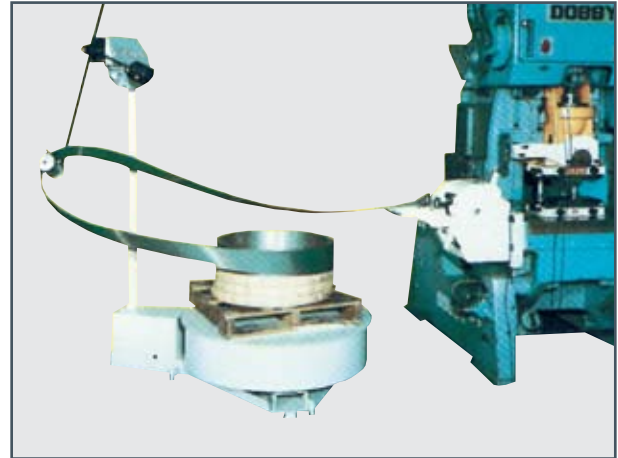
Save time, space and ensure workers' safety

The simply efficient production performer that is easy to load.
Perfect for flat materials, wire, and thin narrow delicate stocks.

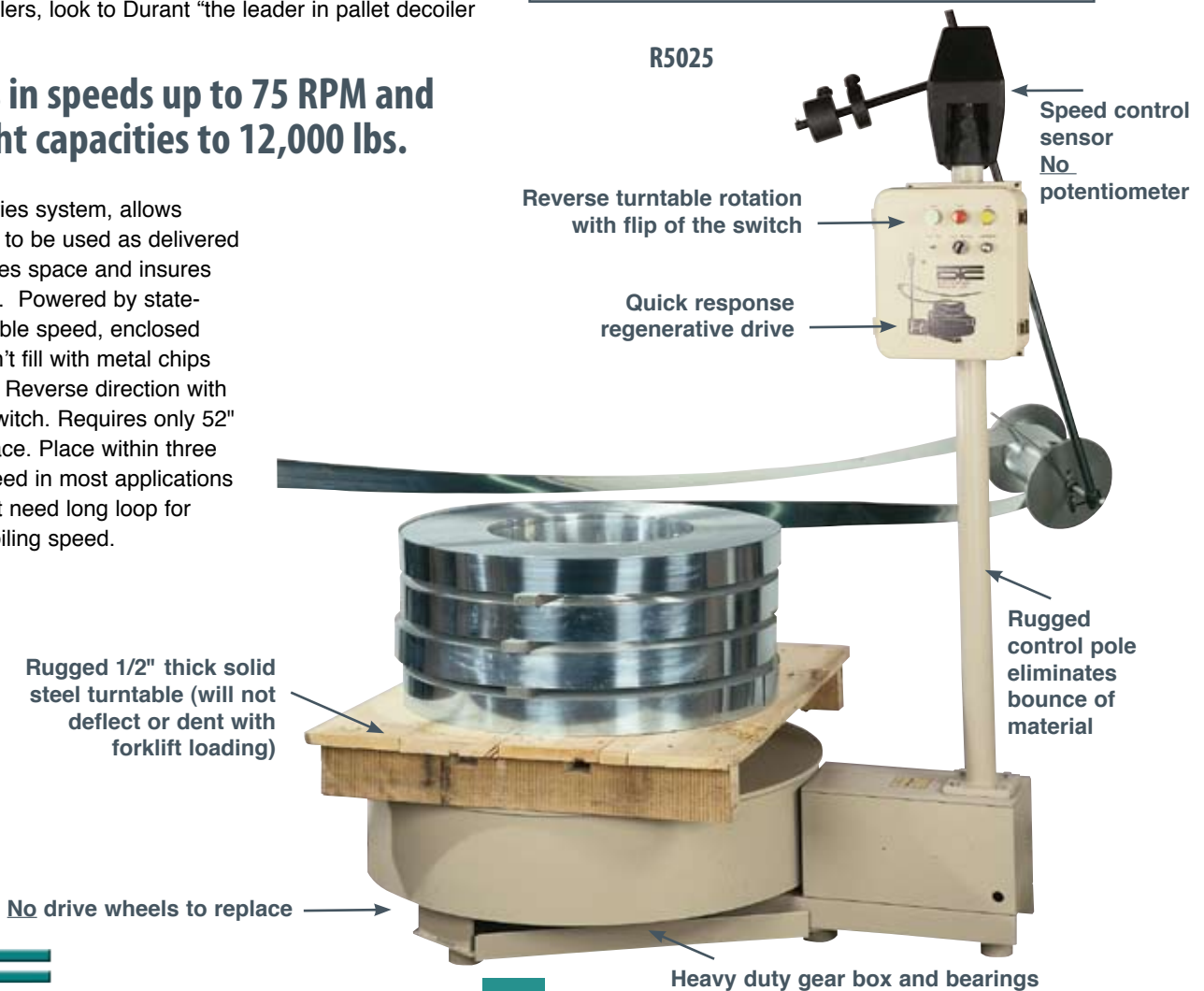
Durant has the pallet decoiler for every need...thin delicate flat stock or wire, heavy duty wire, and flat coiled material to 24". Whether your pallets weigh 500 lbs. or up to 12,000 lbs., call Durant for the appropriate machine to handle your requirements. What will you, our customer receive? When you purchase a Durant pallet decoiler, you get the highest quality, heavy duty, most advanced pallet decoiler available from any manufacturer. Durant electrical controls are simple and safe to operate with most operating features not matched by competitive models. Durant pallet decoilers have the highest horse power rating in their class. Durant pallet decoilers feature heavy duty gear boxes not matched by any competitor. Durant has more than 60 years of uncoiling experience in both horizontal and vertical decoilers. All Durant products have an unquestioned 3 year guarantee. If you are looking for pallet decoilers, look to Durant "the leader in pallet decoiler technology."

Uncoils in speeds up to 75 RPM and weight capacities to 12,000 lbs.

Unique "R" series system, allows coiled material to be used as delivered on pallets, saves space and insures workers safety. Powered by state-of-the-art variable speed, enclosed motor, that can't fill with metal chips or factory dirt. Reverse direction with flip of toggle switch. Requires only 52" installation space. Place within three feet of press feed in most applications since it doesn't need long loop for control of uncoiling speed.



R5025



"R" Series Pallet Decoilers

Uncoil flat material to 24" wide, wire and delicate, thin, narrow materials less than 3/4" in width.

"R" Series Special Features Include:

1. The Innovator in Pallet Decoilers.
2. Manufactured 100% by DURANT in the U.S.A. in our own factory.
3. Takes up a smaller space and can be placed closer to the press than any other machine available today.
4. Largest H.P. motor of available respective models.
5. Advanced and user friendly controls. The most flexibility to handle all applications.
6. Large skid heights up to 48".
7. Table rotation can be reversed by the flip of a switch.
8. Independent jog push-button for ease of setting up line.
9. Weight capacity up to 12,000 lbs. & table diameters up to 84".
10. Fast acceleration with Rotation speeds up to 75 RPM, a must for high speed stamping & roll forming applications.
11. Proven in the field for 25 years.
12. Unconditional 3 year warranty backed by 60 years of experience and lowest guaranteed price of any model in its respective class.
13. State of the art sensor controlled dancer arm eliminates high maintenance item such as cables, linkage & dancer potentiometers.

COMPARISON:

- Unique electronic controls allow for Durant "R" Series Pallet Decoiler to Increase and Decrease in speed quickly as your Press demands without any over travel or coasting associated with other models in its respective class. This feature permits Pallet Decoiler to be located as close as 3ft to the press.
- Table rotation can be reversed by the flip of a switch without any physical changes to the machine.
- Control Arm sensitivity can be adjusted easily by a hand knob without changing weights.
- Start, Stop, Jog, Forward-Reverse & Auto-Manual are standard features of the control system for ease of operation and operator safety.

STANDARD EQUIPMENT:

Regenerative Drive Control that enhance acceleration and deceleration/braking.



"R" SERIES PALLET DECOILER SPECIFICATIONS				
Model	Weight Capacity	Max. Turntable RPM	Turntable Diameter	Motor H.P.
R1212	1200 lbs.	0-12	42"	3/4
R1225	1200 lbs.	0-25	42"	3/4
R1250	1200 lbs.	0-50	42"	3/4
R3512	3500 lbs.	0-12	42"	3/4
R3525	3500 lbs.	0-25	42"	3/4
R3550	3500 lbs.	0-50	42"	3/4
R5012	5000 lbs.	0-12	48"	3/4
R5025	5000 lbs.	0-25	48"	3/4
R5050	5000 lbs.	0-50	48"	3/4
R6012	6000 lbs.	0-12	48"	1
R6025	6000 lbs.	0-25	48"	1
R6050	6000 lbs.	0-50	48"	1
R7512	7500 lbs.	0-12	60"	1 1/2
R7525	7500 lbs.	0-25	60"	1 1/2
R8512	8500 lbs.	0-12	60"	2
R8525	8500 lbs.	0-25	60"	2
R10M-12	10,000 lbs.	12	60"	3
R10M-25	10,000 lbs.	0-25	60"	3
R12M-12	12,000 lbs.	0-12	60"	5
R12M-25	12,000 lbs.	0-25	60"	5

Turntable Diameter: 30", 36", 42", 48", 52", 60", & 72".

If these specifications do not meet your requirements, call Durant.

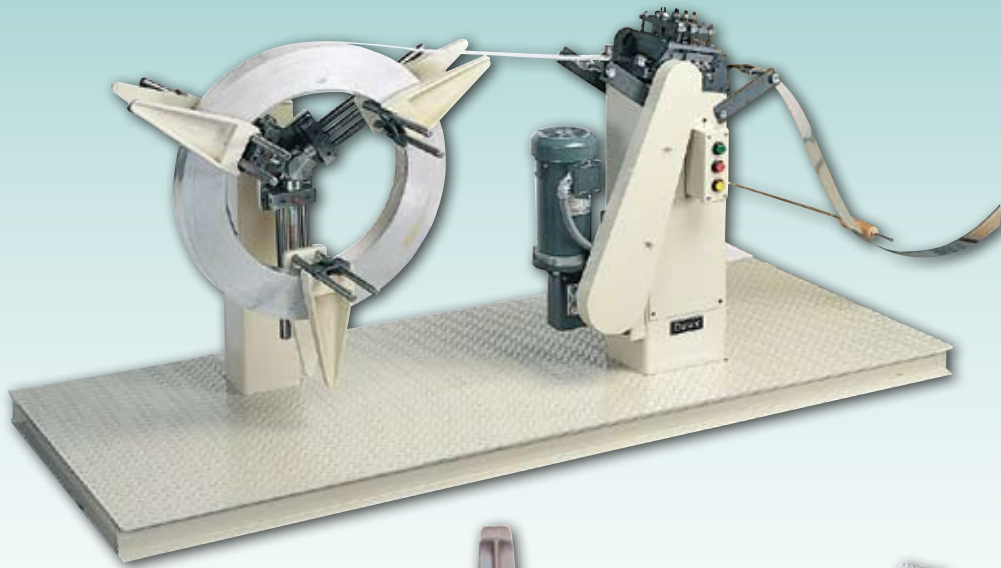
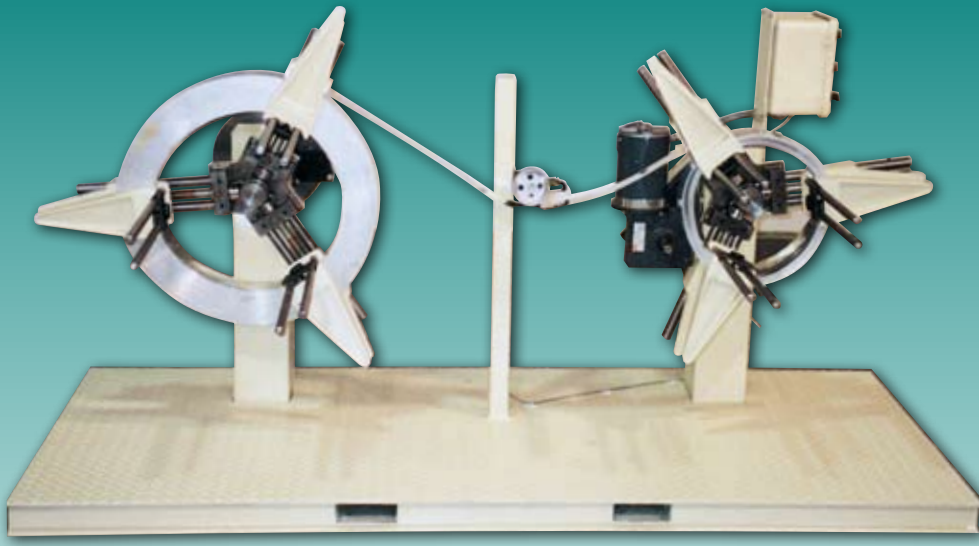
We can alter our standard machine or build special for your specific needs.

OPTIONS:

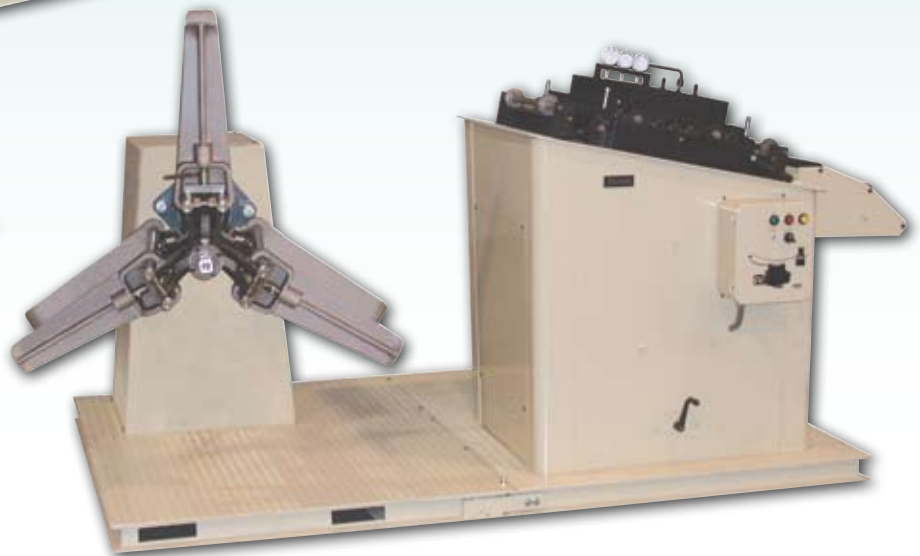
- Coil I.D. Expander (Lock).
- Rubber Anti Slip Turntable Covering.
- A Variable Speed Antenna Controller may be used in applications such as 4 Slide & Multi-slide Machines where no contact and/or very little tension is required.
- Motorized Stock Straightener
- Turntable Diameter: 30", 36", 42", 48", 60", & 72".

Either control arm or the unique probe control can be installed on all models. The control arm is standard equipment.

Combination Stock Reel / Straighteners



See
Pages 28-49



Loop Controls

Contact Loop Control

Now there is a perfect contact sensor auxiliary for straighteners, reels or other machinery where a loop of material must be regulated with exact precision -- the Contact Loop Control from Durant. With this unit all that's required to control the slack of your loop is the movement of adjustable contacts. Installation is not complicated. Voltage must be compatible with the equipment which is being controlled. If voltage is not specified, 110 Volt is supplied.

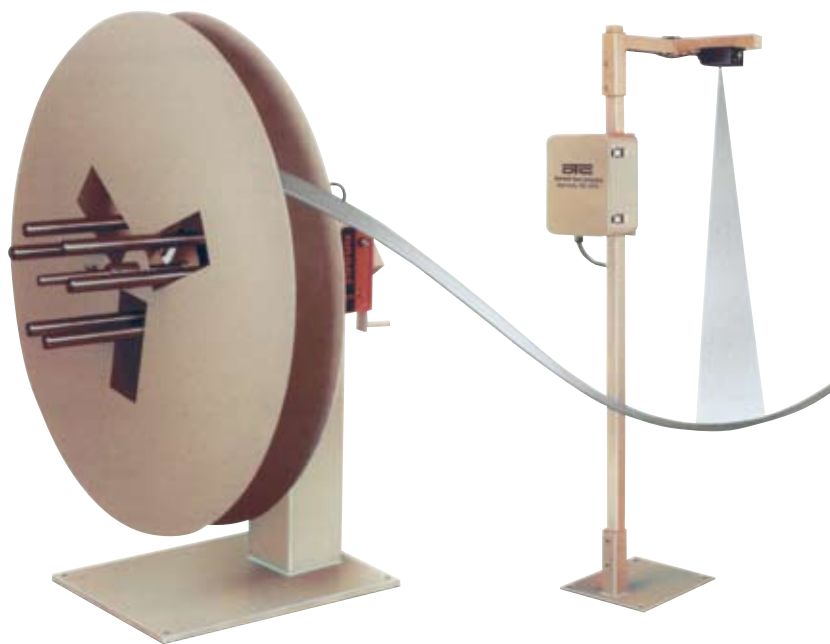
No Contact Loop Control

- The only PATENTED analog output NON-CONTACT loop control NOT limited to loop control application.
- Can be used to control levels of liquids or solids in tanks.
- Can be used to control unwind and rewind tension.
- Can be used to detect the presence or absence of pallets in automated warehouses.
- Can measure changes in distance as small as .10".
- Now comes in many models with a variety of standard and optional features that allow you to configure the optimum NON-CONTACT, sensing and control system for your application.

Durant offers a wide selection of contact and non-contact controls to sense and precisely control the loop material of your processing production equipment. While we specialize in stock reeling, coil straightening and rewinding equipment, Durant's contact and non-contact electronic sensors can be adapted to a large variety of manufacturing requirements. Call us with your problems and we will work together to increase your factory productivity. Call Durant for additional assistance.



Contact Control #CLC-1



A-1 No Contact Control



A-1 No Contact Control

NO CONTACT LOOP CONTROL	
Model	Motorization to be Utilized With
A-1	115 Volt AC or DC Motors or 230 Volt AC or DC Motors
CONTACT LOOP CONTROL	
Model	Type
CLC-1	On/Off Ground Type
VS-CLC-1	Variable Speed Ground Type
CLC-2	On/Off Micro Switch Type

Unwind / Rewind Reels

RW-SS Unwind / Rewind Reels with Paper Interleaf



RW-3-SS

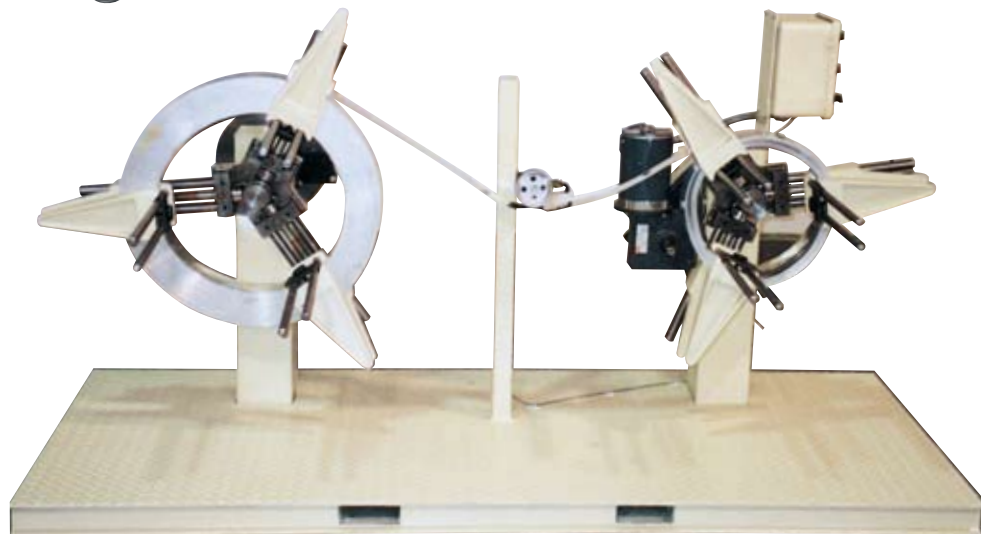
The RW-SS Series reels are offered for both unwind and rewind applications. Durant Model "RW" unwind/rewind reels are designed specifically for the electronics industry to handle delicate materials without damage while paying off or rewinding.

As the unwind model, the machine has a variable speed antenna type loop controller to smoothly pay-out your material, maintaining a predetermined loop of stock. While your material is unwinding, the paper interleaf spindle smoothly rewinds the interleaf of paper from the coil.

The Rewind model smoothly takes up your material, utilizing a variable speed antenna type loop controller to maintain a predetermined loop. The paper interleaf spindle smoothly unwinds your paper onto the rewinding material. An adjustable magnetic tension brake is utilized on the paper interleaf spindle to precisely maintain unwinding paper tension.

All model machines have (4) casters and foot lock to allow for easy portability within your facility.

Durant offers many options including: Customer specified shaft diameters, customer specified coil plate diameters, ultrasonic loop control, and dual variable speed antenna loop controls for rewinding on one stand simultaneously.



Reel-To-Reel
Winding with Linear
Measuring Device

Unwind / Rewind Reels

Keep your production on a roll.

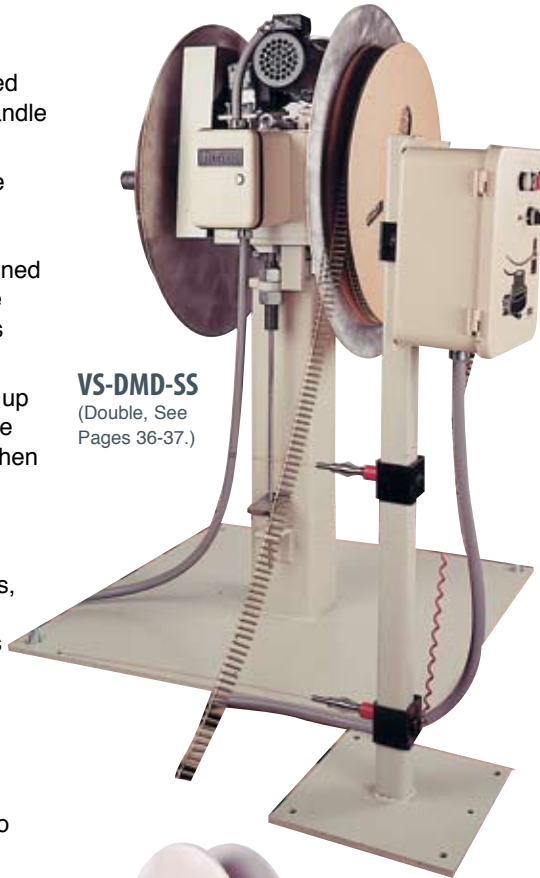
Variable Speed Unwind/ Rewind Reel

The VS-DMD Variable Speed Unwind/Rewind Reels are designed specifically for applications that handle narrow, thin materials on spools.

As the unwind model, the machine has a variable speed dancer loop controller to smoothly payout your material, maintaining a predetermined loop of stock. An optional variable speed antenna type loop control is available.

The rewind model smoothly takes up your material utilizing an adjustable slip clutch to maintain tight coils when rewinding.

Durant offers many options including paper interleaf spindles, customer specified shaft diameters, and customer specified coil disc diameters, ultrasonic loop controls and dual spindle machines.



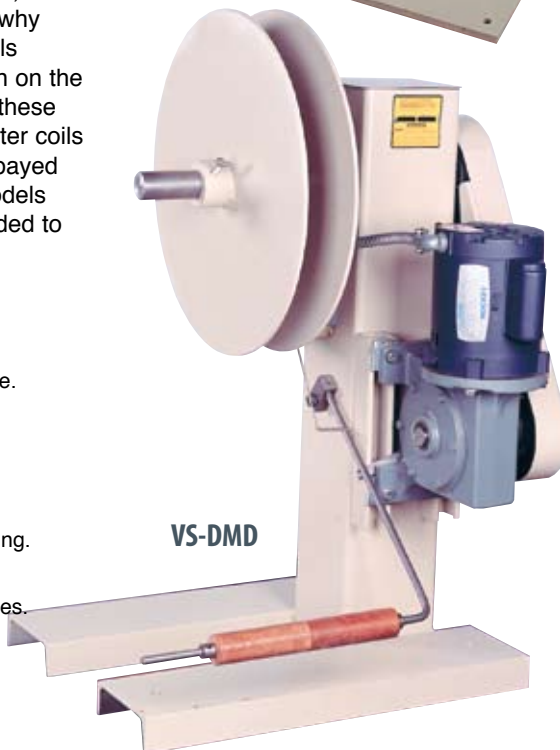
VS-DMD-SS
(Double, See
Pages 36-37.)

Model DMD Motorized

Take care of scrap rewinding or reusable materials the fast, easy Durant way. On this kind of job, no drag can be tolerated. That's why these Durant Motorized Models maintain an adjustable tension on the coil at all times. You can use these reels for any fixed core diameter coils of material which need to be payed out or rewound. On all "R" models a magnetic slip clutch is included to maintain a tight coil.

Options:

- 18" O.D. Plates standard.
- 24" and 36" O.D. plates available.
- 200, 500, & 1000 lb. capacity available.
- Paper interleaf unwind spindles.
- Paper interleaf rewind spindles.
- Traverse Mechanism for rewinding.
- Dual over / under spindles.
- Dual rotating side by side spindles.
- Air Brake.
- Antenna Loop Control.
- No Touch Loop Control



VS-DMD

VARIABLE SPEED MOTORIZED				
Model	Core Diameter	Max. Width	Spindle RPM	Motor Capacity
VS DMD -A -B -C	1 1/2"	3"	0-80	1/4 HP 110V-1PH
VS DMD-R -A -B -C	1 1/2"	3"	0-80	1/4 HP 110V-1PH
VS DMD-1 -A -B -C	1 1/2"	6"	0-80	1/4 HP 110V-1PH
VS DMD-1R -A -B -C	1 1/2"	6"	0-80	1/4 HP 110V-1PH
VS DMD-2 -A -B -C	1 1/2"	10"	0-80	1/4 HP 110V-1PH
VS DMD-2R -A -B -C	1 1/2"	10"	0-80	1/4 HP 110V-1PH
VS DMD-3 -A -B -C	1 1/2"	16"	0-80	1/4 HP 110V-1PH
VS DMD-3R -A -B -C	1 1/2"	16"	0-80	1/4 HP 110V-1PH
VS DMD-4 -A -B -C	1 1/2"	24"	0-80	1/4 HP 110V-1PH
VS DMD-4R -A -B -C	1 1/2"	24"	0-80	1/4 HP 110V-1PH

UNMOTORIZED				
Model	Core Diameter	Max. Width	Weight Capacity	Brake
DD -A -B -C	1 1/2"	3"	200 lbs. 500 lbs. 1000 lbs.	Standard Drag
DD-1 -A -B -C	1 1/2"	6"	200 lbs. 500 lbs. 1000 lbs.	Standard Drag
DD-2 -A -B -C	1 1/2"	10"	200 lbs. 500 lbs. 1000 lbs.	Standard Drag
DD-3 -A -B -C	1 1/2"	16"	200 lbs. 500 lbs. 1000 lbs.	Standard Drag
DD-4 -A -B -C	1 1/2"	24"	200 lbs. 500 lbs. 1000 lbs.	Standard Drag

See Pages 36-37 for
Double Stock Reels.



Adjustable Core Stock Reels / Rewind Reels

Stock Reels With Keeper Arms

Unmotorized Models

Model DSC with Keeper Arms (unmotorized)

Our D Series of Stock Reels are available in both unmotorized and motorized models - All reels are self-centering, heavily constructed, and well balanced. Arms are easily located on heavy rods for narrow and wide coils. Full ball-bearing construction insures long trouble free service at maximum capacity. Heavy duty brakes are available for high speed roll forming and slitting applications.

UNMOTORIZED						
Model	Maximum Width	Maximum OD	Core Diameter	Weight Capacity	Motor	Brake
D50-U	6"	44"	6-24"	50 lbs.	None	Standard
D100-U	6"	44"	6-24"	100 lbs.	None	Standard
D250-U	6"	44"	6-24"	250 lbs.	None	Standard
DSC-0	8"	44"	6-24"	400 lbs.	None	Standard
DSC-1	10"	44"	6-24"	600 lbs.	None	Standard
DSC-2	13"	48"	8-24"	1200 lbs.	None	Standard
DSC-3	18"	48"	8-24"	600 lbs.	None	Standard

Also available with double spindle. See Pages 36-37.

OPTIONS: • 48" diameter coil discs. • Air or Electrical Brake • 4" I.D. Coils

Motorized Models with Keeper Arms

Model DMSC & VS-DMSC with Keeper Arms

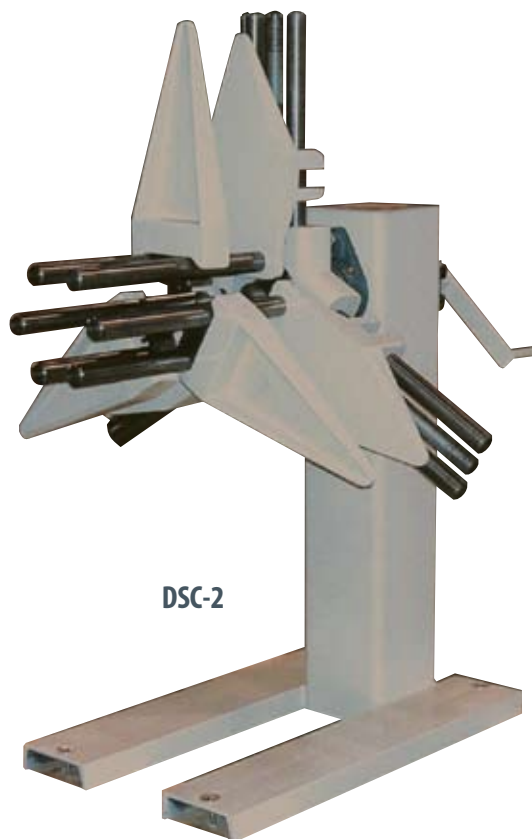
These models offer all the advantages of our unmotorized DSC Models -- self centering, ball bearing construction, and easy to operate arms located on heavy rods for either wide or narrow coils. In addition, the motorization on these three models make it possible to set up for just about any range of coils you're likely to require.

FIXED SPEED					
Model	Maximum Width	Maximum OD	Core Diameter	Weight Capacity	Motor
D50-M	6"	44"	6-24"	50 lbs.	1/4 HP, 110V
D100-M	6"	44"	6-24"	100 lbs.	1/4 HP, 110V
D250-M	6"	44"	6-24"	250 lbs.	1/4 HP, 110V
DMSC-0	8"	44"	6-24"	400 lbs.	1/4 HP, 110V
DMSC-1	10"	44"	6-24"	600 lbs.	1/4 HP, 110V
DMSC-2	13"	48"	8-24"	1200 lbs.	1/4 HP, 110V
DMSC-3	18"	48"	8-24"	600 lbs.	1/4 HP, 110V

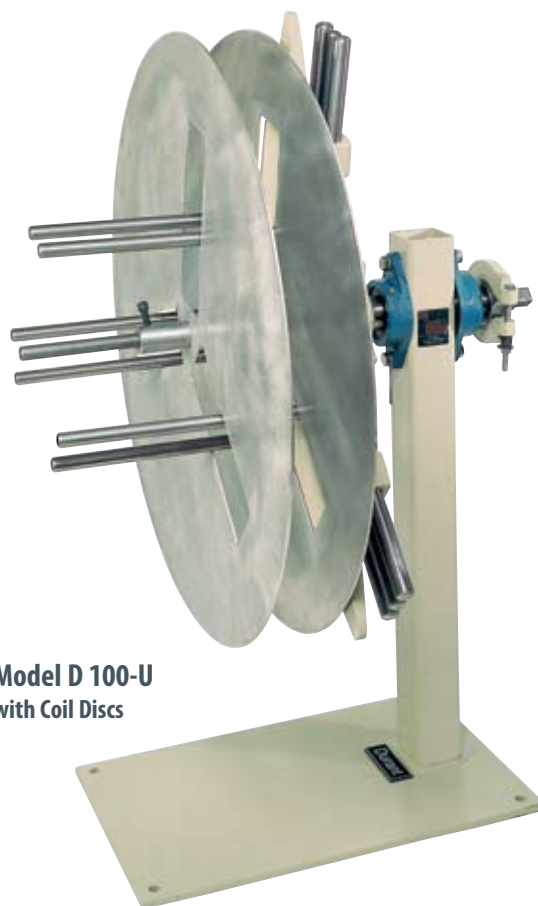
VARI SPEED						
Model	Max. Width	Max. OD	Core Diameter	Weight Capacity	Motor	Spindle RPM
VS-D50-M	6"	44"	6-24"	50 lbs.	1/4 HP, 110V	0-25
VS-D100-M	6"	44"	6-24"	100 lbs.	1/4 HP, 110V	0-25
VS-D250-M	6"	44"	6-24"	250 lbs.	1/4 HP, 110V	0-25
VS-DMSC-0	8"	44"	6-24"	400 lbs.	1/4 HP, 110V	0-25
VS-DMSC-1	10"	44"	6-24"	600 lbs.	1/4 HP, 110V	0-25
VS-DMSC-2	13"	48"	8-24"	1200 lbs.	1/4 HP, 110V	0-25
VS-DMSC-3	18"	48"	8-24"	600 lbs.	1/4 HP, 110V	0-25

Also available with double spindle. See Pages 36-37.

OPTION: • Rewind Option • 4" I.D. Coils



DSC-2



Model D 100-U
with Coil Discs

Adjustable Core Stock Reels / Rewind Reels

Motorized Models with Coil Discs

Model DMSC With Coil Discs (Fixed Speed)

Now you can have the competitive pricing and ease of operation associated with our well accepted stock reels with the added advantage of coil discs. At a rugged 1/8" thick, these coil discs will hold up to long term heavy use. Reels are available in 35" and 48" outside plate diameters. If you do not want to deal with keeper arms, these motorized Durant models are an obvious choice.

FIXED SPEED MOTORIZED					
Model	Max. Width	Max. OD	Core Dia.	Weight Capacity	Motor
D50-M-CD-24	6"	24"	6-24"	50 lbs.	1/4 HP, 110 V
D100-M-CD-35	6"	35"	6-24"	100 lbs.	1/4 HP, 110 V
D250-M-CD-35	6"	35"	6-24"	250 lbs.	1/4 HP, 110 V
DMSC-0-CD-48	8"	48"	6-24"	400 lbs.	1/4 HP, 110 V
DMSC-1-CD-48	10"	48"	6-24"	600 lbs.	1/4 HP, 110 V
DMSC-2-CD-48	13"	48"	8-24"	1200 lbs.	1/4 HP, 110 V
DMSC-3-CD-48	18"	48"	8-24"	600 lbs.	1/4 HP, 110 V

Also available with double spindle. See pages 36-37.

OPTIONS:

- Rewind Option
- 4" I.D. Coils



VS-DMSC-2-CD-48

**Need Stock Reels?
Durant Has The Largest Selection In The
Metal Stamping Industry!**

Model VS-DMSC-CD with Coil Discs (Variable Speed)

Durant's very popular D Series stock reels are now equipped, as a standard item, with coil discs in place of keeper arms. All coil discs are 1/8" thick, and are available in 48" outside diameter plates.

These heavily constructed stock reels, with coil discs and vari-speed dancer loop control, offer total versatility and trouble free performance.

VARI SPEED MOTORIZED					
Model	Max. Width	Max. OD	Core Dia.	Weight Capacity	Motor
VS-D50-M-CD-24	6"	24"	6-24"	50 lbs.	1/4 HP, 110 V
VS-D100-M-CD-35	6"	35"	6-24"	100 lbs.	1/4 HP, 110 V
VS-D250-M-CD-35	6"	35"	6-24"	250 lbs.	1/4 HP, 110 V
VS-DMSC-0-CD-48	8"	48"	6-24"	400 lbs.	1/4 HP, 110 V
VS-DMSC-1-CD-48	10"	48"	6-24"	600 lbs.	1/4 HP, 110 V
VS-DMSC-2-CD-48	13"	48"	8-24"	1200 lbs.	1/4 HP, 110 V
VS-DMSC-3-CD-48	18"	48"	8-24"	600 lbs.	1/4 HP, 110 V

Also available with double spindle. See pages 36-37.

OPTIONS:

- Rewind Option
- 4" I.D. Coils

Adjustable Core Stock Reels / Rewind Reels

When pay out has to pay off in a big way...



MD-1512-U

Model MD-1500 Unmotorized

When it comes to the 1500 pound stock reel class, the Durant MD-1500 Series is in a class by itself. Constructed of durable, heavy walled steel tubing throughout, these reels offer 1500 pound capacity. They are equipped with six rugged coil arms which easily adjust on heavy rods, and a drag brake, which comes standard on all models, eliminating material over travel.

UNMOTORIZED					
Model	Max. Width	I.D.	Max. O.D.	Brake	Weight Capacity
MD-1512-U	12"	15-20"	54"	Std.	1500 lbs.
MD-1516-U	16"	15-20"	54"	Std.	1500 lbs.
MD-1524-U	24"	15-20"	54"	Std.	1500 lbs.
MD-1530-U	30"	15-20"	54"	Std.	1500 lbs.

Also available with double spindle. See pages 36-37.

OPTION:

- Back Plate 60" O.D. Coil
- Air or Electric Brake

Model MD-1500 Variable Speed Motorized

If you are looking to get long service with minimum maintenance, you are looking for a stock reel with self centering, easy loading, and loop control as standard features. That is exactly what you get with this series of stock reels from Durant. The standard motorization is 220/440 60C 3 phase with a 3/4 HP motor. To make sure there is a free loop of material in front of the feed at all times, these reels are equipped with a special loop control feature.

MOTORIZED					
Model Variable Speed	Max. Width	I.D.	Max. O.D.	Motor	Weight Capacity
VS-MD-1512-M	12"	15-20"	54"	3/4 HP, 220/440 Volt	1500 lbs.
VS-MD-1516-M	16"	15-20"	54"	3/4 HP, 220/440 Volt	1500 lbs.
VS-MD-1524-M	24"	15-20"	54"	3/4 HP, 220/440 Volt	1500 lbs.
VS-MD-1530-M	30"	15-20"	54"	3/4 HP, 220/440 Volt	1500 lbs.

"VS" - Variable Speed DC Drive
Also available with double spindle. See pages 36-37.

OPTION: • Back Plate 60" O.D. Coil



Adjustable Core Stock Reels / Rewind Reels

...Call on Durant.



MD-2016-U

Model MD-2000 Variable Speed Motorized

If you are looking to get long service with minimum maintenance, you are looking for a stock reel with self centering, easy loading, and loop control as standard features. That is exactly what you get with this series of stock reels from Durant. The standard motorization is 220/440 60C 3 phase with a 3/4 HP motor. Combined with a gear reducer it gives you 0-19 RPM standard spindle speed which provides a feed out of 72 feet per minute. To make sure there is a free loop of material in front of the feed at all times, these reels are equipped with a special loop control feature.

MOTORIZED					
Model Variable Speed	Width	I.D.	Max. O.D.	Motor	Weight Capacity
VS-MD-2012-M	12"	15-20"	54"	3/4 HP, 220/440 Volt	2000 lbs.
VS-MD-2016-M	16"	15-20"	54"	3/4 HP, 220/440 Volt	2000 lbs.
VS-MD-2024-M	24"	15-20"	54"	3/4 HP, 220/440 Volt	2000 lbs.
VS-MD-2030-M	30"	15-20"	54"	3/4 HP, 220/440 Volt	2000 lbs.

"VS" - Variable speed DC Drive
Also available with double spindle. See Pages 36-37.

OPTIONS:

- Rewind Option
- Back Plate 60" O.D. Coil

Model MD-2000 Unmotorized

When it comes to the 1,500 to 2,000 pound stock reel class, the Durant MD-2000 Series is in a class by itself. Constructed of durable, heavy walled steel tubing throughout, these reels offer a full 2,000 pound capacity. They are equipped with six rugged coil arms which easily adjust on heavy rods. A drag brake, which comes standard on all models, eliminates material over travel.

UNMOTORIZED					
Model	Width	I.D.	Max. O.D.	Brake	Weight Capacity
MD-2012-U	12"	15-20"	54"	STD	2000 lbs.
MD-2016-U	16"	15-20"	54"	STD	2000 lbs.
MD-2024-U	24"	15-20"	54"	STD	2000 lbs.
MD-2030-U	30"	15-20"	54"	STD	2000 lbs.

Also available with double spindle. See Pages 36-37.

OPTIONS:

- Back Plate 60" O.D. Coil
- Air or Electric Brake

**Need Stock Reels?
Durant Has The Largest Selection In The Metal Stamping Industry!**



Adjustable Core Stock Reels / Rewind Reels

When pay out has to pay off in a big way...Call on Durant.

Model MD-250, MD-300, MD-400 Variable Speed Motorized

For power press applications or roll forming, or any one of a number of other demanding heavy duty stock reel applications, the Durant Model MD is the best unit you can buy. Each is built with heavy duty bearing, quick-clamping arms, and a fabricated steel base heavy duty cabinet. To perfectly balance coils at all times, the spindle is engineered to constantly self-centralize. Twelve motorized models are available.

VARIABLE SPEED MOTORIZED					
Variable Speed	Max. Width	I.D.	Max. O.D.	Motor	Wt. Capacity
VS-MD-251-M	16"	15-20"	54"-60"	1 1/2 HP	2500 lbs.
VS-MD-252-M	24"	15-20"	54"-60"	1 1/2 HP	2500 lbs.
VS-MD-253-M	32"	15-20"	54"-60"	1 1/2 HP	2500 lbs.
VS-MD-254-M	36"	15-20"	54"-60"	1 1/2 HP	2500 lbs.
VS-MD-301-M	16"	15-20"	54"-60"	2 HP	3000 lbs.
VS-MD-302-M	24"	15-20"	54"-60"	2 HP	3000 lbs.
VS-MD-303-M	32"	15-20"	54"-60"	2 HP	3000 lbs.
VS-MD-304-M	36"	15-20"	54"-60"	2 HP	3000 lbs.
VS-MD-401-M	16"	15-20"	54"-60"	2 HP	4000 lbs.
VS-MD-402-M	24"	15-20"	54"-60"	2 HP	4000 lbs.
VS-MD-403-M	32"	15-20"	54"-60"	2 HP	4000 lbs.
VS-MD-404-M	36"	15-20"	54"-60"	2 HP	4000 lbs.

"VS" - Variable speed DC Drive
Spindle speed 0-23 RPM STANDARD
Also available with double spindle. See Pages 36-37.

OPTIONS:

- Rewind Option • Antenna Loop Control • No Touch Loop Control
- Hydraulic Hold Down Arm • Back Plate

Model MD-250, MD-300, MD-400 Unmotorized

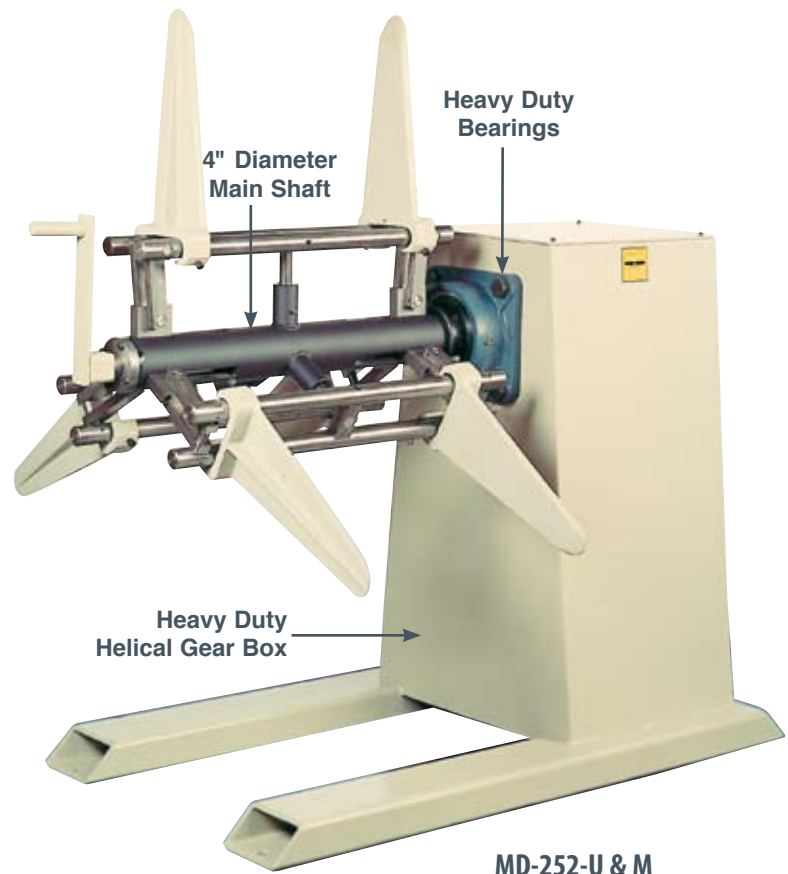
A typical metal stamping factory might be able to get along with less. But with pay off reels from Durant, you do not have to, so why take a chance on equipment that just might let you down. There are 12 models available in this series in widths up to 36" and with capacities up to 4,000 lbs. Each machine is constructed with a heavy duty steel cabinet and a "built for business" 4" diameter center spindle shaft.

UNMOTORIZED					
Model	Max. Width	I.D.	Max. O.D.	Brake	Wt. Capacity
MD-251-U	16"	15-20"	54"-60"	STD	2500 lbs.
MD-252-U	24"	15-20"	54"-60"	STD	2500 lbs.
MD-253-U	32"	15-20"	54"-60"	STD	2500 lbs.
MD-254-U	36"	15-20"	54"-60"	STD	2500 lbs.
MD-301-U	16"	15-20"	54"-60"	STD	3000 lbs.
MD-302-U	24"	15-20"	54"-60"	STD	3000 lbs.
MD-303-U	32"	15-20"	54"-60"	STD	3000 lbs.
MD-304-U	36"	15-20"	54"-60"	STD	3000 lbs.
MD-401-U	16"	15-20"	54"-60"	STD	4000 lbs.
MD-402-U	24"	15-20"	54"-60"	STD	4000 lbs.
MD-403-U	32"	15-20"	54"-60"	STD	4000 lbs.
MD-404-U	36"	15-20"	54"-60"	STD	4000 lbs.

Also available with double spindle. See Pages 36-37.

OPTIONS:

- "VS" Variable Speed DC Drive
- Hydraulic Hold Down Arm • Back Plate



Heavy Duty Stock Reels / Rewind Reels

MD-500, MD-600 Unmotorized

Running off a 6,000 pound coil requires a stock reel with a big enough pay off to take it in stride. That means the MD-500 or MD-600 which are now available in ten models. Each is equipped with a heavy duty constructed steel cabinet, six rugged quick adjust keeper arms, a drag brake, and oversized self aligning bearings.

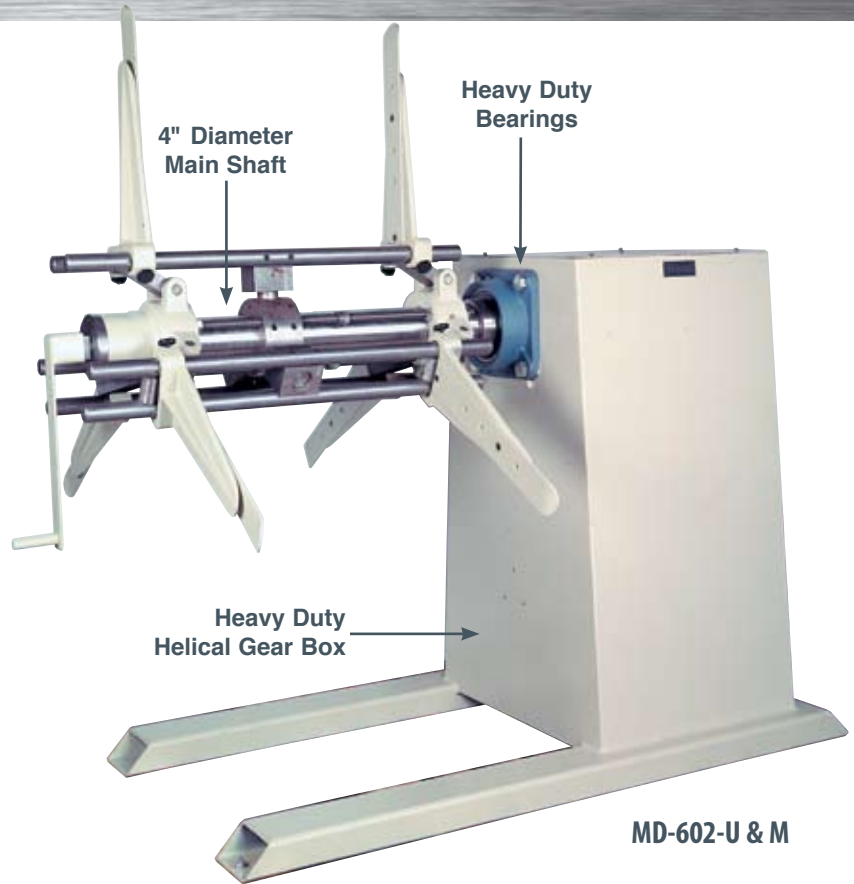
UNMOTORIZED					
Model	Max. Width	I.D.	Max. O.D.	Brake	Wt. Capacity
MD-501-U	12"	15-20"	54-60"	STD	5000 lbs.
MD-502-U	24"	15-20"	54-60"	STD	5000 lbs.
MD-503-U	32"	15-20"	54-60"	STD	5000 lbs.
MD-504-U	36"	15-20"	54-60"	STD	5000 lbs.
MD-505-U	48"	15-20"	54-60"	STD	3000 lbs.
MD-601-U	12"	15-20"	54-60"	STD	6000 lbs.
MD-602-U	24"	15-20"	54-60"	STD	6000 lbs.
MD-603-U	32"	15-20"	54-60"	STD	6000 lbs.
MD-604-U	36"	15-20"	54-60"	STD	6000 lbs.
MD-605-U	48"	15-20"	54-60"	STD	3000 lbs.

OPTION:

- Air Brake
- Hydraulic Hold Down Arm
- Back Plate



VS-MD-603-M
with BACK PLATE



MD-602-U & M

MD-500, MD-600 Variable Speed Motorized

On these heavy duty stock reels, all the options you need come standard. The package includes loop control, jog switch, and reversing switch. The 3 phase motor provides 3 HP 220/440/V, 60C. Up and running it will give you a spindle speed of 0-23 RPM. Each model is equipped with a heavy duty constructed steel cabinet, six rugged quick adjust keeper arms and oversized self aligning bearings.

VARIABLE SPEED MOTORIZED				
Variable Speed	Max. Width	I.D.	Max. O.D.	Wt. Capacity
VS-MD-501-M	12"	15-20"	54-60"	5000 lbs.
VS-MD-502-M	24"	15-20"	54-60"	5000 lbs.
VS-MD-503-M	32"	15-20"	54-60"	5000 lbs.
VS-MD-504-M	36"	15-20"	54-60"	5000 lbs.
VS-MD-505-M	48"	15-20"	54-60"	3000 lbs.
VS-MD-601-M	12"	15-20"	54-60"	6000 lbs.
VS-MD-602-M	24"	15-20"	54-60"	6000 lbs.
VS-MD-603-M	32"	15-20"	54-60"	6000 lbs.
VS-MD-604-M	36"	15-20"	54-60"	6000 lbs.
VS-MD-605-M	48"	15-20"	54-60"	3000 lbs.

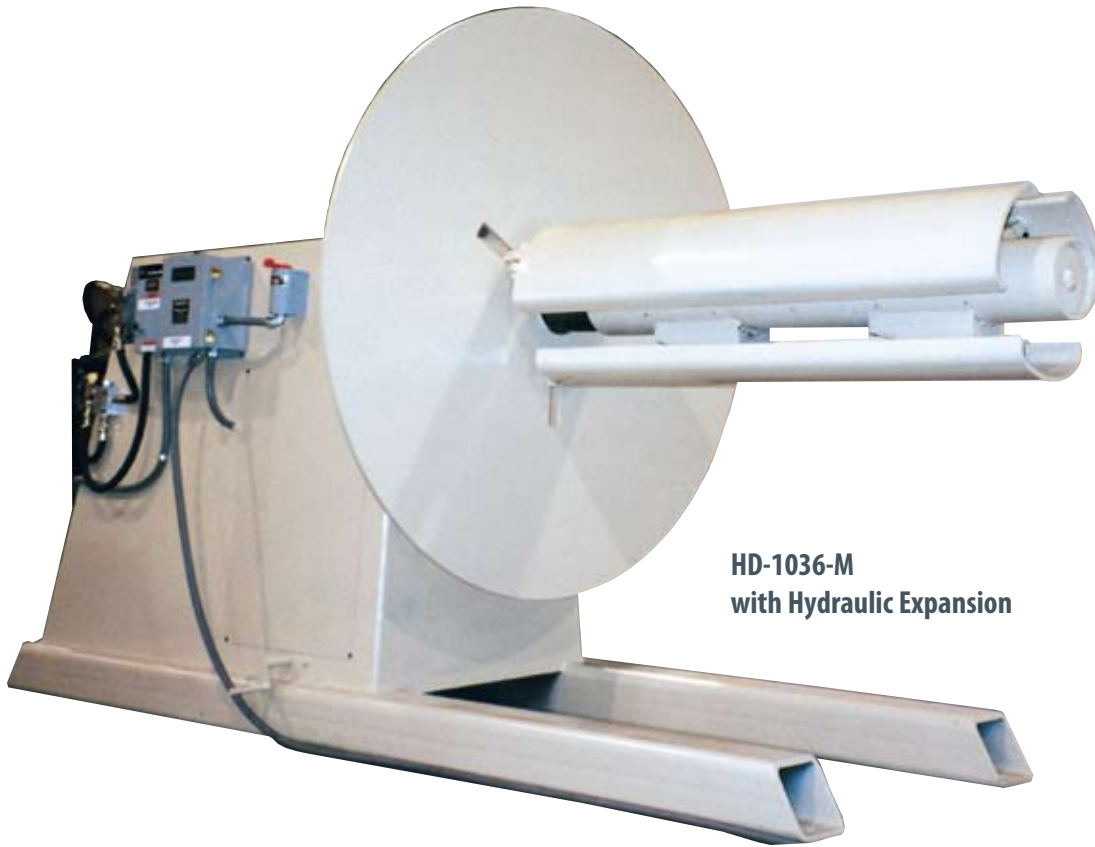
OPTION:

- Hydraulic Hold Down Arm
- Back Plate

Model MD-603-M Stock Reel with Back Plate and Coil I.D. Segments. These Optional features are available for all Durant Stock Reels.

Heavy Duty Stock Reels

Heavy Duty Uncoiling . . .Call On Durant!



**HD-1036-M
with Hydraulic Expansion**

Durant HD Series Variable Speed Stock Reels

Durant HD Series Stock Reels are available in both non-powered and powered models. Non-powered reels have an air brake with variable tension. All powered reels have variable speed drive. All reels contain the finest of materials with the utmost in simplicity. All rotating parts are mounted on heavy duty bearings for maximum efficiency with a minimum cost of operation. An important feature of all Durant HD reels is the use of wedges for expanding the arbor. Wedge type expansion insures smooth and easy loading whether the operator expands the mandrel mechanically or hydraulically.

UNMOTORIZED

Model	Max. Width	I.D.	Max. O.D.	Brake	Wt. Capacity
HD 624-U	24"	15 1/2 - 20	60"	STD	6000 lbs.
HD 630-U	30"	15 1/2 - 20	60"	STD	6000 lbs.
HD 636-U	36"	15 1/2 - 20	60"	STD	6000 lbs.
HD 648-U	48"	15 1/2 - 20	60"	STD	6000 lbs.
HD 824-U	24"	15 1/2 - 20	60"	STD	8000 lbs.
HD 830-U	30"	15 1/2 - 20	60"	STD	8000 lbs.
HD 836-U	36"	15 1/2 - 20	60"	STD	8000 lbs.
HD 848-U	48"	15 1/2 - 20	60"	STD	8000 lbs.
HD 860-U	60"	15 1/2 - 20	60"	STD	8000 lbs.
HD 1024-U	24"	15 1/2 - 20	60"	STD	10,000 lbs.
HD 1030-U	30"	15 1/2 - 20	60"	STD	10,000 lbs.
HD 1036-U	36"	15 1/2 - 20	60"	STD	10,000 lbs.
HD 1048-U	48"	15 1/2 - 20	60"	STD	10,000 lbs.
HD 1060-U	60"	15 1/2 - 20	60"	STD	10,000 lbs.
HD 1224-U	24"	18-23"	60"	STD	12,000 lbs.
HD 1230-U	30"	18-23"	60"	STD	12,000 lbs.
HD 1236-U	36"	18-23"	60"	STD	12,000 lbs.
HD 1248-U	48"	18-23"	60"	STD	12,000 lbs.
HD 1260-U	60"	18-23"	60"	STD	12,000 lbs.
HD 1524-U	24"	18-23"	60"	STD	15,000 lbs.
HD 1530-U	30"	18-23"	60"	STD	15,000 lbs.
HD 1536-U	36"	18-23"	60"	STD	15,000 lbs.
HD 1548-U	48"	18-23"	60"	STD	15,000 lbs.
HD 1560-U	60"	18-23"	60"	STD	15,000 lbs.

NOTE: Manual Expansion Standard HD 600-1200.
Hydraulic Expansion Option HD 600-1200.
Hydraulic Expansion Standard HD 1500.

Standard Equipment: Air Brake

VARIABLE SPEED MOTORIZED

Model	Max. Width	I.D.	Max. O.D.	Motor	Wt. Capacity
HD 624-M	24"	15 1/2 - 20	60"	3 HP	6000 lbs.
HD 630-M	30"	15 1/2 - 20	60"	3 HP	6000 lbs.
HD 636-M	36"	15 1/2 - 20	60"	3 HP	6000 lbs.
HD 648-M	48"	15 1/2 - 20	60"	3 HP	6000 lbs.
HD 824-M	24"	15 1/2 - 20	60"	5 HP	8000 lbs.
HD 830-M	30"	15 1/2 - 20	60"	5 HP	8000 lbs.
HD 836-M	36"	15 1/2 - 20	60"	5 HP	8000 lbs.
HD 848-M	48"	15 1/2 - 20	60"	5 HP	8000 lbs.
HD 860-M	60"	15 1/2 - 20	60"	5 HP	8000 lbs.
HD 1024-M	24"	15 1/2 - 20	60"	5 HP	10,000 lbs.
HD 1030-M	30"	15 1/2 - 20	60"	5 HP	10,000 lbs.
HD 1036-M	36"	15 1/2 - 20	60"	5 HP	10,000 lbs.
HD 1048-M	48"	15 1/2 - 20	60"	5 HP	10,000 lbs.
HD 1060-M	60"	15 1/2 - 20	60"	5 HP	10,000 lbs.
HD 1224-M	24"	18-23"	60"	5 HP	12,000 lbs.
HD 1230-M	30"	18-23"	60"	5 HP	12,000 lbs.
HD 1236-M	36"	18-23"	60"	5 HP	12,000 lbs.
HD 1248-M	48"	18-23"	60"	5 HP	12,000 lbs.
HD 1260-M	60"	18-23"	60"	5 HP	12,000 lbs.
HD 1524-M	24"	18-23"	60"	5 HP	15,000 lbs.
HD 1530-M	30"	18-23"	60"	5 HP	15,000 lbs.
HD 1536-M	36"	18-23"	60"	5 HP	15,000 lbs.
HD 1548-M	48"	18-23"	60"	5 HP	15,000 lbs.
HD 1560-M	60"	18-23"	60"	5 HP	15,000 lbs.

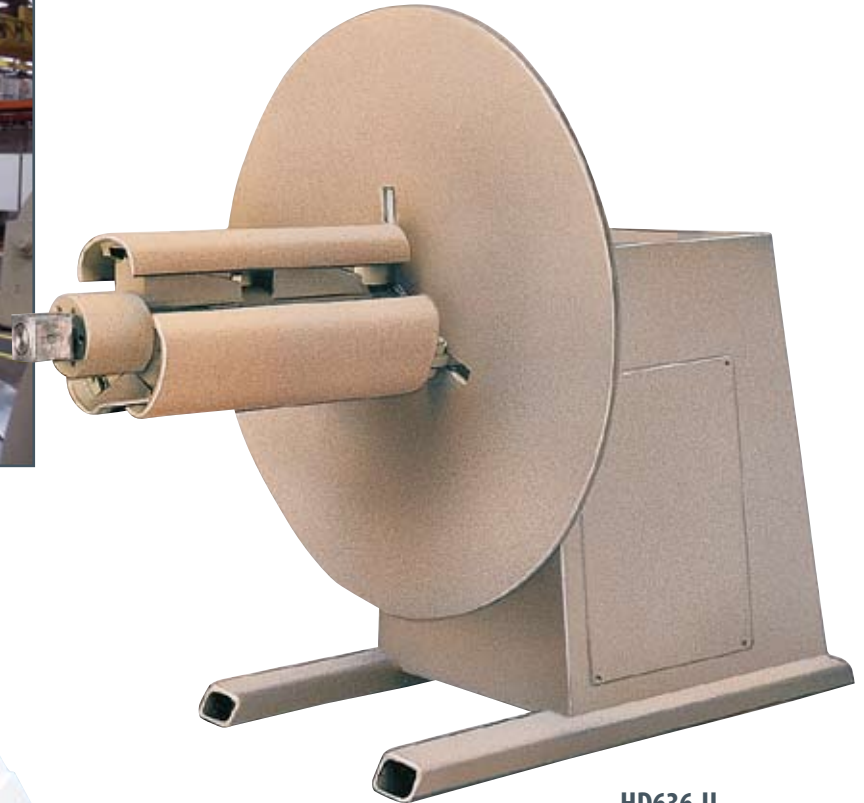
NOTE: Manual Expansion Standard HD 600-1200. Hydraulic Expansion Option HD 600-1200.

Hydraulic Expansion Standard HD 1500.

OPTION: Hydraulic Hold Down Arm.



Heavy Duty Stock Reels



HD636-U

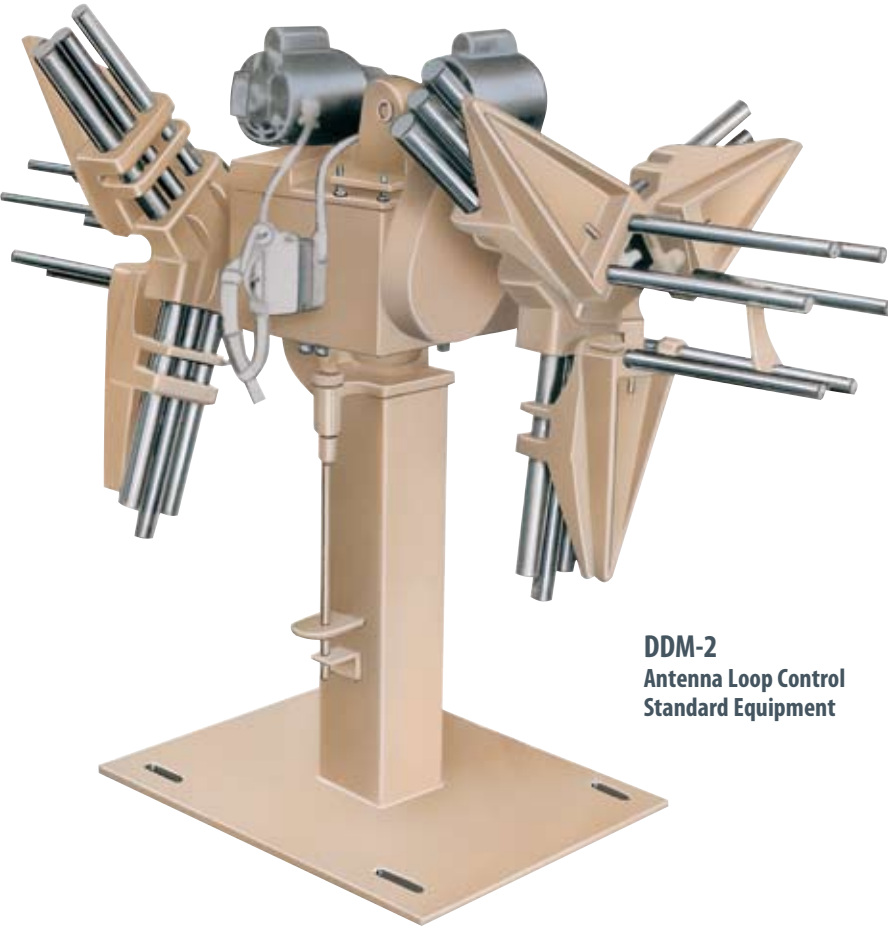


HD 1030-M
with hold down arm



Double Stock Reels

Increase Factory Productivity . . .



DDM-2
Antenna Loop Control
Standard Equipment

MOTORIZED ADJUSTABLE CORE					
Model	Max. Width	I.D.	Max. O.D.	Motor	Wt. Capacity
DD100M	6"	6-24"	44"	1/4 HP	100 lbs.
DD250M	6"	6-24"	44"	1/4 HP	250 lbs.
DDM-0	8"	6-24"	44"	1/4 HP	400 lbs.
DDM-1	10"	6-24"	44"	1/4 HP	600 lbs.
DDM-2	13"	8-24"	48"	1/4 HP	1,200 lbs.
MDD-1512-M	12"	15-20"	54"	3/4 HP	1,500 lbs.
MDD-1516-M	16"	15-20"	54"	3/4 HP	1,500 lbs.
MDD-1524-M	24"	15-20"	54"	3/4 HP	1,500 lbs.
MDD-1530-M	30"	15-20"	54"	3/4 HP	1,500 lbs.
MDD-2012-M	12"	15-20"	54"	1 HP	2,000 lbs.
MDD-2016-M	16"	15-20"	54"	1 HP	2,000 lbs.
MDD-2024-M	24"	15-20"	54"	1 HP	2,000 lbs.
MDD-2030-M	30"	15-20"	54"	1 HP	2,000 lbs.
MDD-3012-M	12"	15-20"	60"	1.5 HP	3,000 lbs.
MDD-3016-M	16"	15-20"	60"	1.5 HP	3,000 lbs.
MDD-3024-M	24"	15-20"	60"	1.5 HP	3,000 lbs.
MDD-3030-M	30"	15-20"	60"	1.5 HP	3,000 lbs.
MDD-3036-M	36"	15-20"	60"	1.5 HP	3,000 lbs.
MDD-4012-M	12"	15-20"	60"	2 HP	4,000 lbs.
MDD-4016-M	16"	15-20"	60"	2 HP	4,000 lbs.
MDD-4024-M	24"	15-20"	60"	2 HP	4,000 lbs.
MDD-4032-M	32"	15-20"	60"	2 HP	4,000 lbs.
MDD-4036-M	36"	15-20"	60"	2 HP	4,000 lbs.
MDD-5016-M	16"	15-20"	60"	3 HP	5,000 lbs.
MDD-5024-M	24"	15-20"	60"	3 HP	5,000 lbs.
MDD-5032-M	32"	15-20"	60"	3 HP	5,000 lbs.
MDD-5036-M	36"	15-20"	60"	3 HP	5,000 lbs.
MDD-6016-M	16"	15-20"	60"	3 HP	6,000 lbs.
MDD-6024-M	24"	15-20"	60"	3 HP	6,000 lbs.
MDD-6032-M	32"	15-20"	60"	3 HP	6,000 lbs.
MDD-6036-M	36"	15-20"	60"	3 HP	6,000 lbs.

OPTIONS: Solid Core Main Shaft with Coil Disc. Diameters available are 1" - 4".
Customer to Specify. Standard Equipment: Antenna Loop Control

UNMOTORIZED ADJUSTABLE CORE					
Model	Max. Width	I.D.	Max. O.D.	Brake	Wt. Capacity
DD100U	6"	6-24"	44"	HD	100 lbs.
DD250U	6"	6-24"	44"	HD	250 lbs.
DDSC-0	8"	6-24"	44"	HD	400 lbs.
DDSC-1	10"	6-24"	44"	HD	600 lbs.
DDSC-2	13"	8-24"	48"	HD	1,200 lbs.
MDD-1512-U	12"	15-20"	54"	HD	1,500 lbs.
MDD-1516-U	16"	15-20"	54"	HD	1,500 lbs.
MDD-1524-U	24"	15-20"	54"	HD	1,500 lbs.
MDD-1530-U	30"	15-20"	54"	HD	1,500 lbs.
MDD-2012-U	12"	15-20"	54"	HD	2,000 lbs.
MDD-2016-U	16"	15-20"	54"	HD	2,000 lbs.
MDD-2024-U	24"	15-20"	54"	HD	2,000 lbs.
MDD-2030-U	30"	15-20"	54"	HD	2,000 lbs.
MDD-3012-U	12"	15-20"	60"	HD	3,000 lbs.
MDD-3016-U	16"	15-20"	60"	HD	3,000 lbs.
MDD-3024-U	24"	15-20"	60"	HD	3,000 lbs.
MDD-3030-U	30"	15-20"	60"	HD	3,000 lbs.
MDD-3036-U	36"	15-20"	60"	HD	3,000 lbs.
MDD-4012-U	12"	15-20"	60"	HD	4,000 lbs.
MDD-4016-U	16"	15-20"	60"	HD	4,000 lbs.
MDD-4024-U	24"	15-20"	60"	HD	4,000 lbs.
MDD-4032-U	32"	15-20"	60"	HD	4,000 lbs.
MDD-4036-U	36"	15-20"	60"	HD	4,000 lbs.
MDD-5016-U	16"	15-20"	60"	HD	5,000 lbs.
MDD-5024-U	24"	15-20"	60"	HD	5,000 lbs.
MDD-5032-U	32"	15-20"	60"	HD	5,000 lbs.
MDD-5036-U	36"	15-20"	60"	HD	5,000 lbs.
MDD-6016-U	16"	15-20"	60"	HD	6,000 lbs.
MDD-6024-U	24"	15-20"	60"	HD	6,000 lbs.
MDD-6032-U	32"	15-20"	60"	HD	6,000 lbs.
MDD-6036-U	36"	15-20"	60"	HD	6,000 lbs.

Double Stock Reels

All models of Durant stock reels are available in double spindle versions. When one side of the reel is operating, the other side can be loaded. A foot release keeps the reel in position. It can be turned 180 degrees when fully loaded with foot pedal.

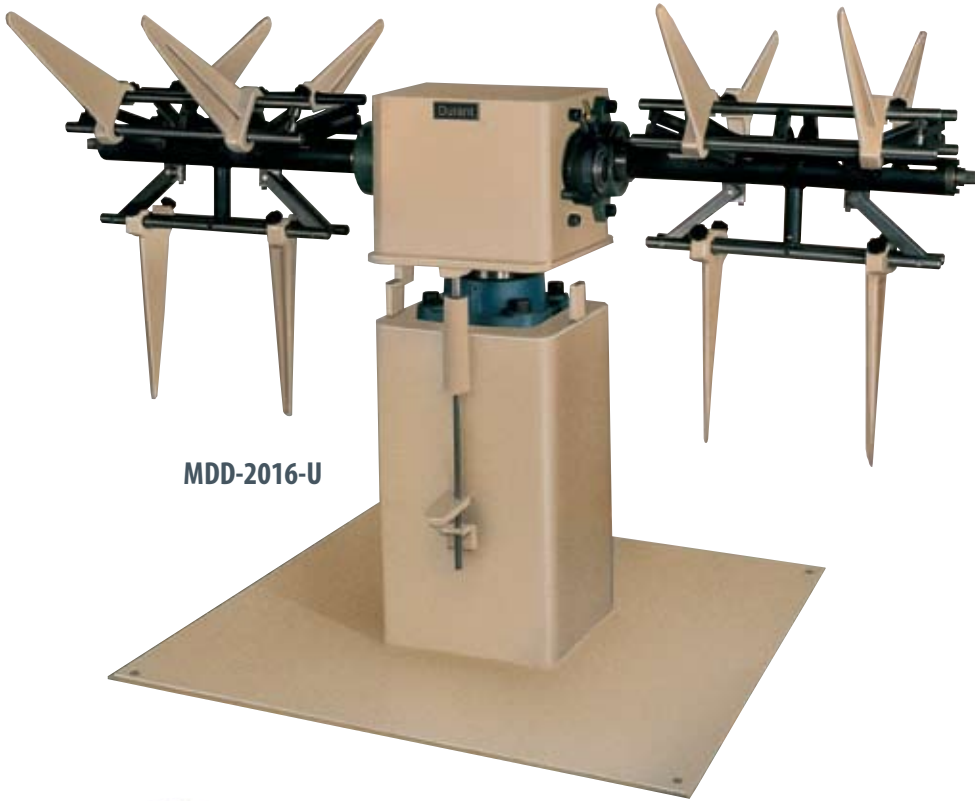
Many models are available with either coil keeper arms or coil discs. Coil discs are recommended for thin delicate materials.

Increase your factory productivity! Consider double stock reels with fixed spindle shafts for material on spools or adjustable expanding spindles for bulk coils. Durant manufactures all models in both unmotORIZED "pull off" or variable speed motorized versions.

IMPORTANT NOTE: Either solid core or adjustable expanding core available. Call Durant!



Double Stock Reels



MDD-2016-U



VS-DMD-SS

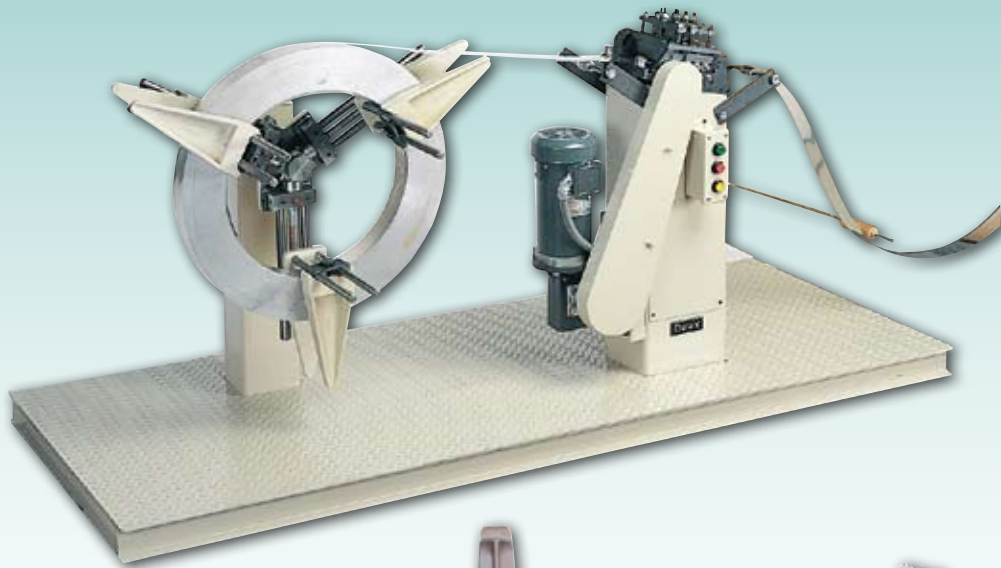
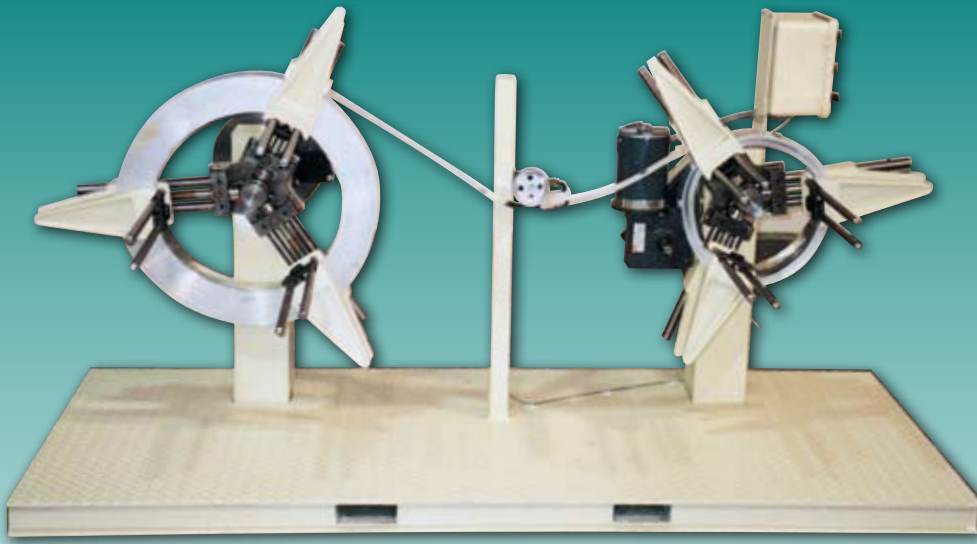
DMD Double with
rotating side by
side spindles



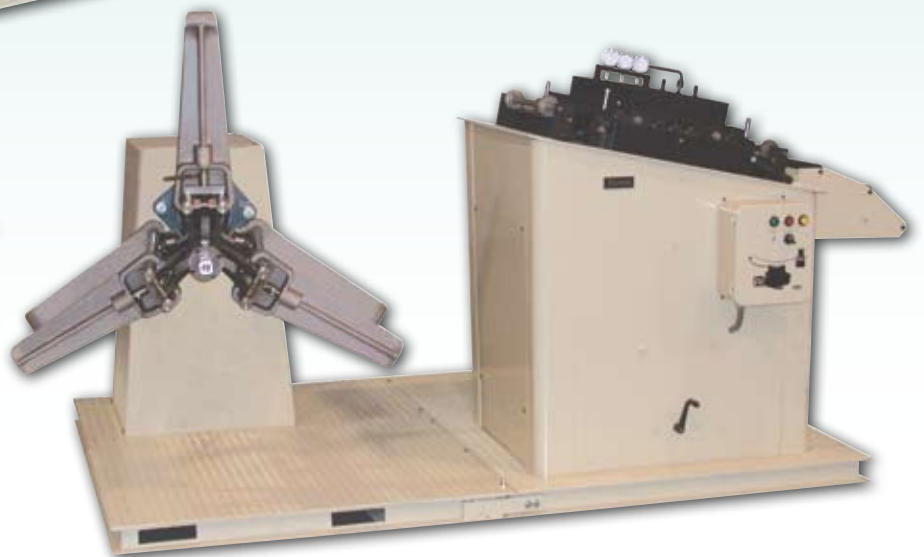
MDD-4024-M
Antenna Loop Control
and Keeper Arms
Standard Equipment



Combination Stock Reel / Straighteners



See
Pages 28-47



Drive Rolls

Powered Drive Rolls

Durant manufactured the RF powered drive rolls for applications that require pulling material thru an unmotorized wire straightener or pulling material from an unmotorized stock reel.

The powered drive rolls allow your material to flow into a slack loop for accurate feeding. Durant will mount any wire straightener (see page 40) on the cabinet and groove the drive rolls for your wire diameter, at no additional cost.

STANDARD SPEED				
Model	Material Width	Roll Diameter	Passline Height	Motor
VS-RF3	3"	2"	34"	3/4 HP 90 VDC
VS-RF6	6"	2"	34"	3/4 HP 90 VDC
VS-RF12	12"	2"	34"	3/4 HP 90 VDC
VS-RF18	18"	2"	34"	3/4 HP 90 VDC



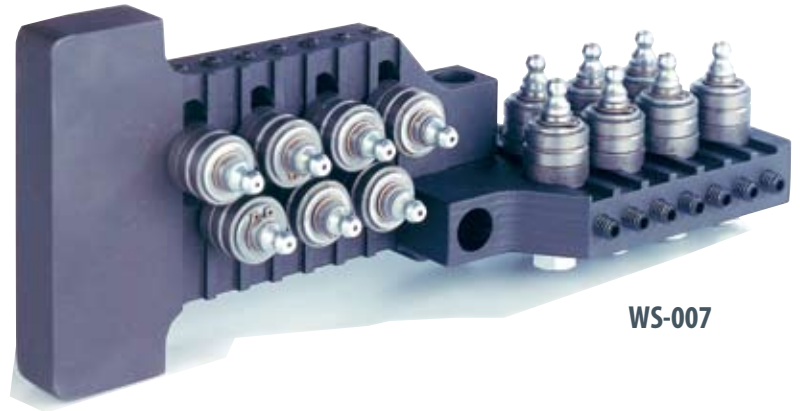
Wire Straighteners

Model WS Wire Straighteners

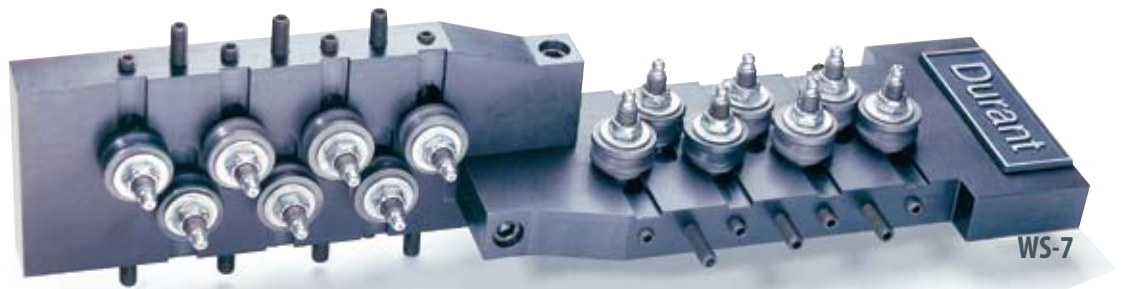
Durant Wire Straighteners are used for straightening round or flat wire as well as wire with irregular cross sections. Each unit consists of two sets of 5 or 7 "V" grooved rolls set at right angles as illustrated to remove the material curvature on both planes. The rolls on Durant Wire Straighteners can be grooved to the exact diameter of the wire to be straightened or can be "V"-grooved (standard) for handling a wide range of sizes.

Features of Construction:

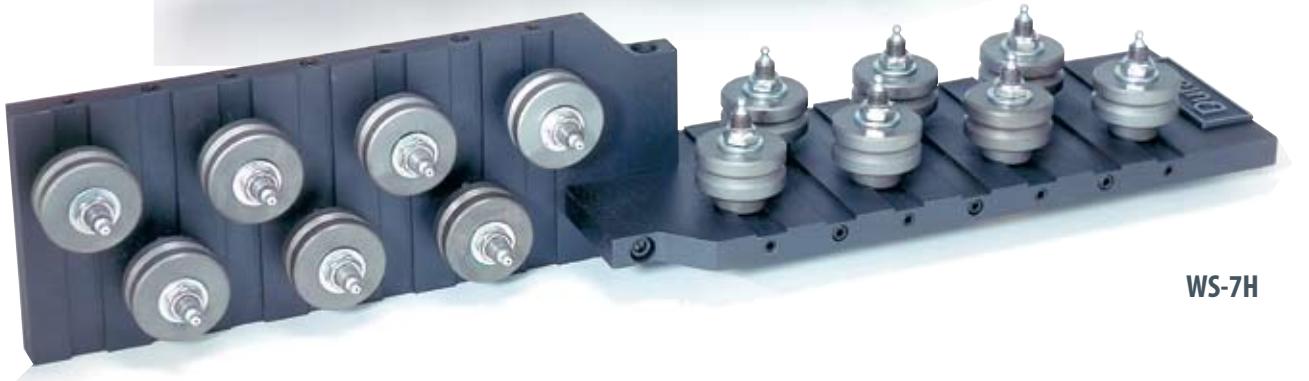
- Adjustable Rolls - Each roll can be individually adjusted by means of a socket screw set for proper straightening action.
- Ball Bearing - Each roll is mounted on a hardened Spindle Set in ball bearings for long life.



WS-007



WS-7



WS-7H

WS WIRE STRAIGHTENERS				
Model	Number of Rolls*	Diameter of Rolls	Wire Size	Weight
WS-007	14	3/4"	Up to .062	8 lbs.
WS-5	10	1 3/16"	Up to .1875	25 lbs.
WS-7	14	1 3/16"	Up to .1875	30 lbs.
WS-5H	10	2 1/4"	Up to .375	60 lbs.
WS-7H	14	2 1/4"	Up to .375	75 lbs.

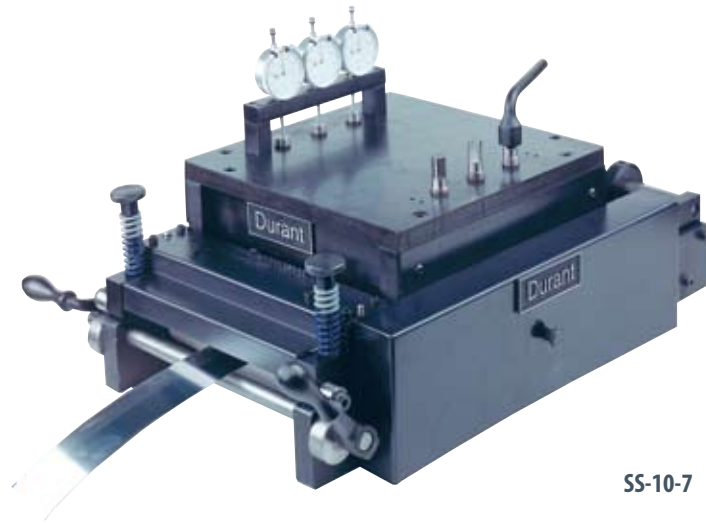
OPTION:

All Durant wire straighteners can be installed with powered drive rolls to give you an automated powered wire straightening machine. They also can be equipped with the Durant Electronic Servo Wire Feeder for precise feeding capability. Call Durant!

Stock Straighteners: Unmotorized

Productivity Performers...

Everything you need around your press to make it work better, faster, more efficiently.

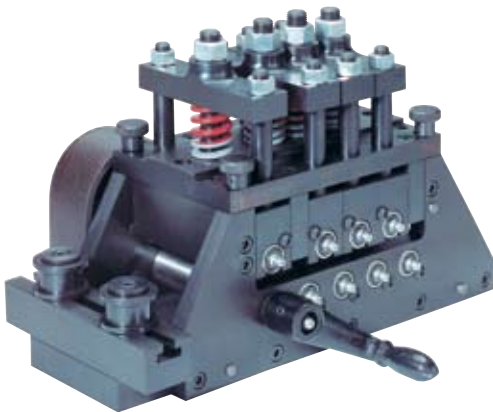


SS-10-7

Model SS & MS Unmotorized

The SS and MS series Unmotorized Stock Straighteners are ideal machines for either manually straightening materials with a hand crank or automatic pull through operations. Twenty-eight models are available with capabilities to 36" in width and .210 in thickness. All machines include (5) or (7) straightening rolls and (2) drive rolls.

SS, MS UNMOTORIZED					
Model	Width	No. Drive Rolls	Straightening Rolls	Roll Diameter	Thickness Range
SS-6-5	6"	2	5	2"	.020-.145"
SS-6-7	6"	2	7	2"	.020-.145"
SS-10-5	10"	2	5	2"	.020-.130"
SS-10-7	10"	2	7	2"	.020-.130"
SS-15-5	15"	2	5	2"	.020-.110"
SS-15-7	15"	2	7	2"	.020-.110"
SS-20-5	20"	2	5	2"	.020-.090"
SS-20-7	20"	2	7	2"	.020-.090"
SS-25-5	25"	2	5	2"	.020-.065"
SS-25-7	25"	2	7	2"	.020-.065"
SS-30-5	30"	2	5	2"	.020-.055"
SS-30-7	30"	2	7	2"	.020-.055"
SS-36-5	36"	2	5	2"	.020-.040"
SS-36-7	36"	2	7	2"	.020-.040"
MS-6-5	6"	2	5	2 3/4"	.025-.210"
MS-6-7	6"	2	7	2 3/4"	.025-.210"
MS-10-5	10"	2	5	2 3/4"	.025-.190"
MS-10-7	10"	2	7	2 3/4"	.025-.190"
MS-15-5	15"	2	5	2 3/4"	.025-.180"
MS-15-7	15"	2	7	2 3/4"	.025-.180"
MS-20-5	20"	2	5	2 3/4"	.025-.160"
MS-20-7	20"	2	7	2 3/4"	.025-.160"
MS-25-5	25"	2	5	2 3/4"	.025-.130"
MS-25-7	25"	2	7	2 3/4"	.025-.130"
MS-30-5	30"	2	5	2 3/4"	.025-.100"
MS-30-7	30"	2	7	2 3/4"	.025-.100"
MS-36-5	36"	2	5	2 3/4"	.025-.080"
MS-36-7	36v	2	7	2 3/4"	.025-.080"



SC-107



SC-107

Model SC Unmotorized

Use these dependable Durant Stock Straighteners manually or as independent machines with automatic feeding equipment. With the variety of standard sizes now available, Durant has you covered for just about any standard application. And to make sure you get extended service, all rolls are hardened and ground. Anti-friction bearings are used throughout.

Special Feature: Open top for ease of cleaning rolls and threading material.

SC UNMOTORIZED					
Model	Width	No. Drive Rolls	Straightening Rolls	Roll Diameter	Thickness Range
SC-10	3 1/8"	2	5	1"	.008-.100
SC-107	3 1/8"	2	7	1"	.008-.100
SC-2	6"	2	5	1"	.008-.100
SC-27	6"	2	7	1"	.008-.100
SC-57	12"	2	7	1 1/4"	.010-.065

Stock Straighteners: Motorized

Model VS-MSC Vari Speed - Open Top

If your application calls for straightening materials up to 12" in width, and from .008" to .100" in thickness, the Durant VS-MSC Series sets the standard for the metal stamping industry. All models include entrance drive rolls, straightening rolls, and variable speed DC drive. These individually adjustable rolls are precision ground and heat treated for long term service. Entrance and exit adjustable guide roller assembly is standard equipment.

VS-MSC VARI SPEED MOTORIZED						
Model	Width	No. Drive Rolls	No. Straight. Rolls	Roll Diameter	Motor	Thickness Range
VS-MSC-10	3 1/8"	2	5	1"	3/4 HP	.008-.100
VS-MSC-107	3 1/8"	2	7	1"	3/4 HP	.008-.100
VS-MSC-2	6"	2	5	1"	3/4 HP	.008-.100
VS-MSC-27	6"	2	7	1"	3/4 HP	.008-.100
VS-MSC-57	12"	2	7	1 1/4"	1 HP	.008-.065

Special Features:
Open top for ease of cleaning rolls and threading materials.



VS-MSC-27

Stock Straighteners: Motorized

Combination Reel / Straighteners DSC/ MSC

When saving floor space is a necessity. The Durant model DSC / MSC is your choice. Three models are available with weight capacities to 1200 lbs. and material widths to 12".

All models have (7) straightening rolls and (2) drive rolls to precisely straighten your material. A quick response variable speed DC Drive and proportional loop control allows for speeds from 0 - 90 FPM.

Durant's unique electronic drives give the user a smooth, accurate, loop of material which prevents coil marking.



DSC-1/MSC-27

COMBINATION REEL / STRAIGHTENER DSC / MSC									
Model	Max. Width	Max. Coil O.D.	Max. Coil Weight	Straightening Capacity	No. Drive Rolls	No. Straight. Rolls	Roll Diameter	Motor	Stn. Speed
DSC-1/MSC27	6"	36"	600 lbs.	.008-.100"	2	7	1"	3/4 H.P. 90 vdc	0-90 FPM
DSC-2/MSC27	6"	48"	1200 lbs.	.008-.100"	2	7	1"	3/4 H.P. 90 vdc	0-90 FPM
DSC-2/MSC57	12"	48"	1200 lbs.	.008-.065"	2	7	1 1/4"	1 H.P. 90 vdc	0-90 FPM

OPTIONS:

- Antenna Loop Control
- No Touch Loop Control

Heavy Duty Straightening Machines

Stock Straighteners: Motorized

Model MD-HD Variable Speed Motorized

Durant's motorized medium and heavy duty stock straighteners have one set of entrance drive rolls, one set of exit drive rolls, and seven straightening rolls for a total of eleven rolls. All entrance, exit, and lower straightening rolls are power driven. Standard equipment on all models are 220/440-60 cycle, 3 phase motorization, vari drive of 0 to 100 FPM (other speeds can be supplied), loop controller, dial indicators, inclined head, cascade rolls, black oxide finish. Solidly welded contemporary cabinets, with one easily removable access panel, allows for your maintenance department to inspect and adjust drive components and chains with ease.

VS Drive Features and Benefits:

- Antenna-Tracker™ loop controller. This self adjusting state of the art control system allows a loop of material to move up and down between the two control antennas providing a smooth and stable running machine. Increasing and decreasing line speeds will automatically increase or decrease the straighteners speed by the simple touch of an antenna!
- State of the Art Regenerative drive controller to insure fast acceleration and immediate stopping capability upon demand. Standard speed range is 0-100 F.P.M.
- Operator friendly controls with Power Start, Stop, Auto/Manual, Forward/ Reverse & Jog push buttons to allow the press operator to easily thread and run the line while insuring optimum safety.

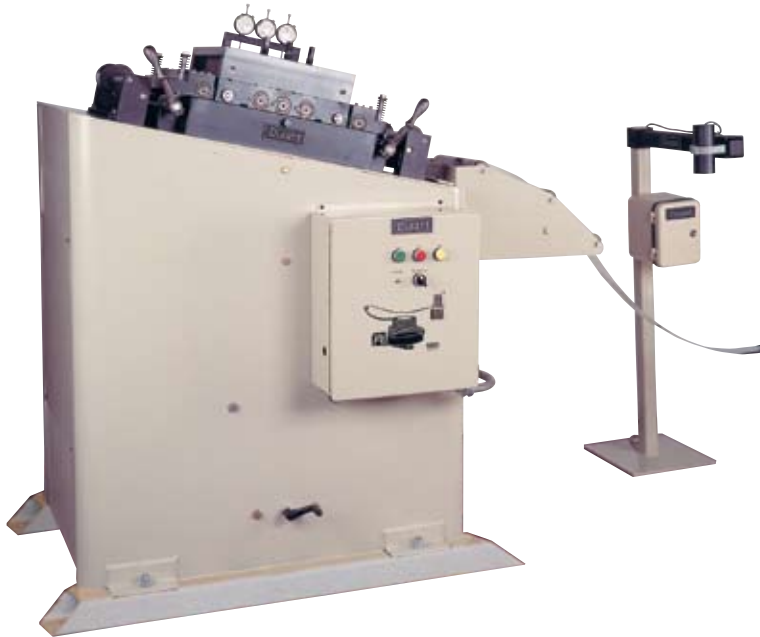
MD VARIABLE SPEED						
Model	Max. Width	Max. Thickness	Min. Thickness	Roll Diameter	Roll Spacing	Motor
VS-MD-6	6"	.145"	.020"	2"	2 1/4"	2 HP
VS-MD-10	10"	.130"	.020"	2"	2 1/4"	2 HP
VS-MD-15	15"	.110"	.020"	2"	2 1/4"	2 HP
VS-MD-20	20"	.090"	.020"	2"	2 1/4"	2 HP
VS-MD-25	25"	.065"	.020"	2"	2 1/4"	2 HP
VS-MD-30	30"	.055"	.020"	2"	2 1/4"	2 HP
VS-MD-36	36"	.040"	.020"	2"	2 1/4"	2 HP
HD VARIABLE SPEED						
Model	Max. Width	Max. Thickness	Min. Thickness	Roll Diameter	Roll Spacing	Motor
VS-HD-6	6"	.210"	.025"	2 3/4"	3 1/4"	3 HP
VS-HD-10	10"	.190"	.025"	2 3/4"	3 1/4"	3 HP
VS-HD-15	15"	.180"	.025"	2 3/4"	3 1/4"	3 HP
VS-HD-20	20"	.160"	.025"	2 3/4"	3 1/4"	3 HP
VS-HD-25	25"	.130"	.025"	2 3/4"	3 1/4"	3 HP
VS-HD-30	30"	.100"	.025"	2 3/4"	3 1/4"	3 HP
VS-HD-36	36"	.080"	.025"	2 3/4"	3 1/4"	3 HP
VS-HD-42	42"	.060"	.025"	2 3/4"	3 1/4"	3 HP
VS-HD-48	48"	.040"	.025"	2 3/4"	3 1/4"	3 HP

STANDARD SPEED: 0-100 FPM

OPTIONS: • Heavy Duty Portable Feature • Antenna Loop Control • No Touch Loop Control • Automatic Lubrication System

Heavy Duty Straightening Machines

Virtually Every Type of Metal Stamping Accessory to Help your Production Run Better!

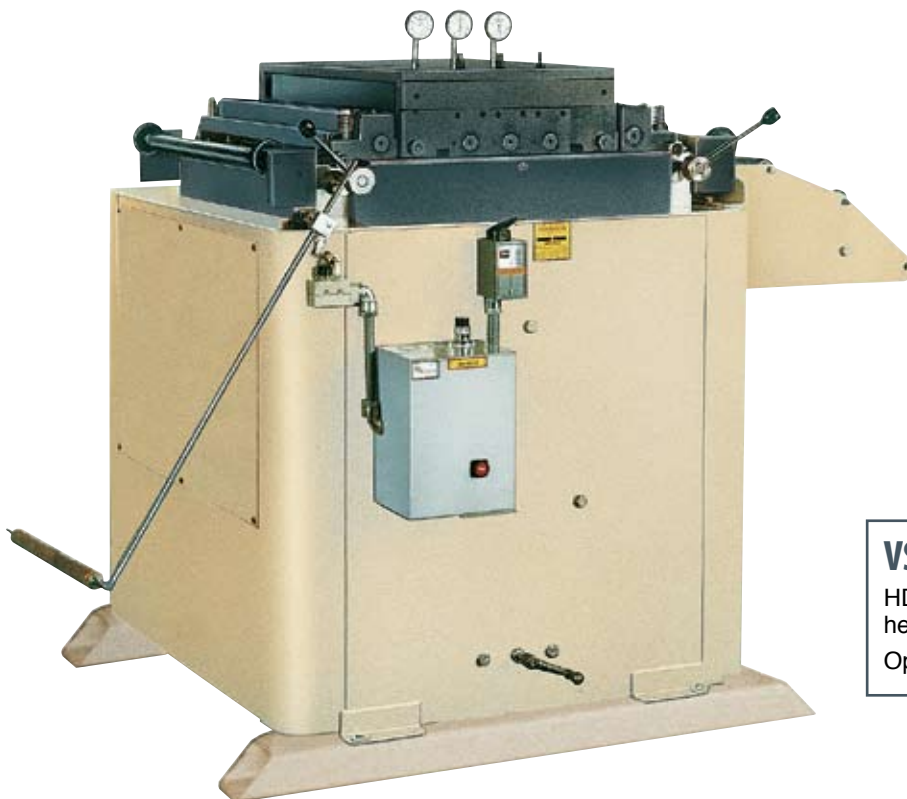


Standard Features:

- Inclined Head
- Antenna Loop Control
- Dial Indicators
- Black Oxide Finish
- Cascade Rolls
- Extra Heavy Duty Cabinet

VS-MD-10

VS-MD-10 DC with antenna control standard Option: Sonic no touch loop control as shown above. Automatic lubrication system.



VS--HD-25

HD-25 without inclined head. Inclined head is standard equipment. Option: Automatic lubrication system.

See Page 41-47 for Heavy Duty Models rated to .250" thick material and 60" wide.

Heavy Duty Straightening Machines

SD Model

Durant's "SD" Series heavy duty variable speed AC powered straighteners are the only solution to keep up with today's high speed press feeders, assuring a smooth running machine to eliminate marking of the material due to frequent starts and stops. All machines have one set of entrance drive rolls, one set of exit drive rolls and seven straightening rolls for a total of eleven rolls.

Standard equipment on all models are 220/440-60 cycle, 3 phase motorization, variable speed of 0-90 FPM (other speeds can be supplied), loop controller, dial indicators, inclined head, cascade rolls, black oxide finish. Solidly welded contemporary cabinets, with one easily removable access panel, allows for your maintenance department to inspect and adjust drive components and chains with ease.

Standard Features:

- Inclined Head
- Antenna Loop Control
- Dial Indicators
- Black Oxide Finish
- Cascade Rolls
- Extra Heavy Duty Cabinet



**Optional
Sonic Loop Control**

Heavy Duty Stock Straighteners

Up to 60" Wide Material!



VS-SD-48

VS-SD VARIABLE SPEED					
Model	Maximum Width	Maximum Thickness	Minimum Thickness	Roll Diameter	Motor HP
VS-SD 12	12"	.250"	.040"	4"	5 HP
VS-SD 18	18"	.210"	.040"	4"	5 HP
VS-SD 24	24"	.180"	.040"	4"	5 HP
VS-SD 30	30"	.160"	.040"	4"	7 1/2 HP
VS-SD 36	36"	.150"	.040"	4"	7 1/2 HP
VS-SD 48	48"	.130"	.040"	4"	7 1/2 HP
VS-SD 60	60"	.115"	.040"	4"	10 HP

VS Antenna Loop Control Standard

Heavy Duty Motorized Scrap Cutters



MSC-600



MSC-1000

Heavy Duty Motorized Scrap Cutters

Model MSC Motorized

Our scrap cutters can give you twice the life you would get with any shearing-cut (reciprocating-cut) machine. And we have proven it in the field... hundreds of times.

It is because these units let you perform high accuracy cutting of thickness from .002" without a clearance adjustment. It is because regular greasing is the only maintenance these machines require. It is because these machines typically run two to three years between blade sharpening.

But durability is just where the advantages of these patented waving-cut machines begin. They are also easy to use and have been designed so they will not damage presses, dies or feed gears under any circumstances. They can be set up to suit your operation with the motor mounted on either the top or bottom of the cutting frame.

Features:

- Tool life is several times as long as that for shearing-cut (reciprocating cut) machines.
- Greasing is the only maintenance requirement.
- The machines are designed on many years experience. Various improvement suggested by users have been introduced for higher efficiency and convenience in practical use.
- These patented waving-cut machines are simple in construction, yet very durable.
- High-accuracy cutting of thickness from 0.002" is ensured without tool clearance adjustment.
- It is not necessary for the machines to be synchronized with presses and require little floor space.
- There is no possibility for presses, dies or feed gears to be damaged by the machines.
- Heavy duty machines with no equal in the metal stamping industry.
- 2-3 Years between blade sharpening.
- All models available with motor mounted on either top or bottom of cutting frame.

MODEL MSC CUTTERS		
MODEL	CUTTING CAPACITY THICKNESS X WIDTH	MOTOR OUTPUT RPM (50HZ/60HZ)
MSC-01	.032 x 1.96	0.1 kw 85
MSC-01-SR	.040 x 1.96	0.1 kw 85
MSC-05	.048 x 3.00	0.2 kw 102
MSC-05-SR	.056 x 3.00	0.2 kw 102
MSC-05-W	.048 x 4.25	0.2 kw 102
MSC-1-J	.048 x 5.80	0.4 kw 116
MSC-1-J-ST	.072 x 3.50	0.4 kw 102
MSC-1-J-W	.048 x 7.45	0.4 kw 102
MSC-1	.072 x 5.80	0.75 kw 116
MSC-1-SR	.080 x 5.80	0.75 kw 102
MSC-1-ST	.104 x 3.50	0.75 kw 102
MSC-1-W	.072 x 7.45	0.75 kw 102
MSC-1-SW	.056 x 11.75	0.75 kw 102
MSC-150-J	.136 x 5.50	1.5 kw 102
MSC-200-J	.120 x 7.45	1.5 kw 102
MSC-250-J	.096 x 9.42	1.5 kw 102
MSC-300-J	.092 x 11.75	1.5 kw 102
MSC-2	.080 x 14.50	1.5 kw 102
MSC-150	.192 x 5.80	2.2 kw 83
MSC-200	.168 x 7.45	2.2 kw 83
MSC-250	.160 x 9.42	2.2 kw 83
MSC-300	.128 x 11.75	2.2 kw 83
MSC-2-SR	.120 x 15.70	2.2 kw 83
MSC-500	.100 x 19.50	2.2 kw 83
MSC-600	.080 x 23.50	2.2 kw 83
MSC-150-SR	.240 x 5.80	3.7 kw 83
MSC-200-SR	.200 x 7.85	3.7 kw 83
MSC-300-SR	.180 x 11.75	3.7 kw 83
MSC-2-ST	.144 x 15.70	3.7 kw 83
MSC-500-SR	.136 x 19.50	3.7 kw 83
MSC-600-SR	.120 x 23.50	3.7 kw 83
MSC-800-SR	.164 x 31.00	3.7 kw 83
MSC-1000-SR	.080 x 39.25	3.7 kw 83



MSC-800-SR



MSC-1

Mascon Controls

The most forgiving and user friendly type loop control on the market . . .

Antenna-Tracker™ Antenna Loop Control Systems

The O/F Antenna Tracker™ Loop Controller is a basic method of loop control using antennas. The O/F Antenna Tracker™ Loop Controller allows On/Off control by the simple touch of an antenna! Set point adjustments are as simple as raising or lowering the Off & On Antennas.

Standard Features:

- 30" High Antenna Stand with 24" long adjustable antennas.
(Please specify when using Non-Metallic or Non-Conductive materials.)

The VS Antenna Tracker™ Loop Controller is the most forgiving and user friendly type loop control on the market today. When a loop of material is bouncing up and down because of long feed lengths or intermittent press cycles, it causes the equipment to cycle fast and slow leading to physical wear and tear to the equipment. The VS Antenna Tracker™ Loop Controller allows the material to bounce between the antennas (set points) providing a smooth and stable output. Increasing and decreasing line speeds or an increasing and decreasing roll diameter change will increase and decrease the output on demand by a simple touch of an antenna! Speed set point adjustments are as simple as raising or lowering the zero speed and advance speed antennas.



Standard Features:

- 48" High Heavy Duty Antenna Stand with 24" long adjustable stainless steel antennas & oil tight enclosure.
(Please specify when using Non-Metallic or Non-Conductive materials.)

ANTENNA TRACKER™ LOOP CONTROLLERS

Model	Description	Input	Output
MCA-1000	Basic system to control an AC Motor Starter (On/Off)	115vac	On/Off 115 vac
MCA-1003	Basic analog system to control a D.C. or A.C. Drive	115vac	0-10vdc
MCA-1004	Includes 1hp D.C. Drive	115vac	0-90vdc
MCA-1005	Same as above w/regen Drive & Operator Push buttons	115vac	0-90vdc
MCA-PHOTO	Photo eyes are available in place of antennas	...	...
MCA-TS	Optional Emergency Top Stop Feature	...	Form C Relay Contact



Sonic-Tracker™ Ultra Sonic Sensing & Control Systems

The VS Sonic-Tracker™ Sensing Controller is a versatile user friendly micro-processor based sensing system pre-programming for today's demanding requirements. The VS Sonic-Tracker™ Sensing Controller is a must when controlling equipment with loops or distances (up to 10ft) and non-contacting of material is required. Adjustments are as simple as setting a zero output set point and a full output set point. The output will vary proportionally between those settings.

Standard Features:

- An adjustable Analog Output
- Emergency Tight & No Loop relay contacts
- Oil Tight Enclosure
- Sensor with Dust Filter)

The AO Sonic-Tracker™ Sensing Controller is a versatile user friendly micro-processor based sensing system pre-programmed for today's demanding requirements. The AO Sonic-Tracker™ Sensing Controller is a must when controlling roll tension via an air operated brake. Constant tension is maintained by varying air pressure proportional to roll diameter. Adjustments are as simple as setting a zero output set point (center of core) and a full output set point (full roll). The output will vary proportionally between those settings.

SONIC-TRACKER™

Model	Description	Input	Output
MCS-1003	Basic analog system to control a D.C. or A.C. Drive	115vac	0-10vdc
MCS-1004	Includes 1 hp D.C. Drive	115vac	0-90vdc
MCS-1005	Same as above w/Regen Drive & Operator Push buttons	115vac	0-90vdc
MCS-1006	Air Output System less Ultra Sonic Sensor	0-10vdc	0-100psi
MCS-1007	Air Output System with Ultra Sonic Sensor	115vac	0-100psi
STD-1000	Adjustable Sensor & Controller Stand (Optional)	...	...

Standard Features:

- An adjustable Filtered Air Output
- Full Roll & Empty Roll independently adjustable relays
- Oil Tight Enclosure
- Sensor with Dust Filter
- Air Pressure Gauge

(Note: To control tension using an electric brake or clutch, see the VS models above.)

Machine Bases



#700

MACHINE BASES	
Length Left to Right (Inches)	Width Front to Back (Inches)
24	24
	30
	36
	42
	48
30	30
	36
	42
	48
36	36
	42
	48
	60
42	42
	48
	60
48	48
	60

- 54 Standard Sizes
- Frame Only Available
- Special Sizes
- Special Heights

Model 700 and Model 900

Whatever you have to do - from building machinery, to mounting jigs and fixtures, to thousands of other industrial applications, Durant has just the right table for you. We offer these solidly welded, steel plate, extra rugged tables in 54 standard sizes. You also have your choice of a welded 3/4" thick unground table platen, or with a 1" or 1 1/2" thick ground platen which is bolted in place.

Model 700 has 1/8" thick legs. Model 900 has 1/4" thick legs.

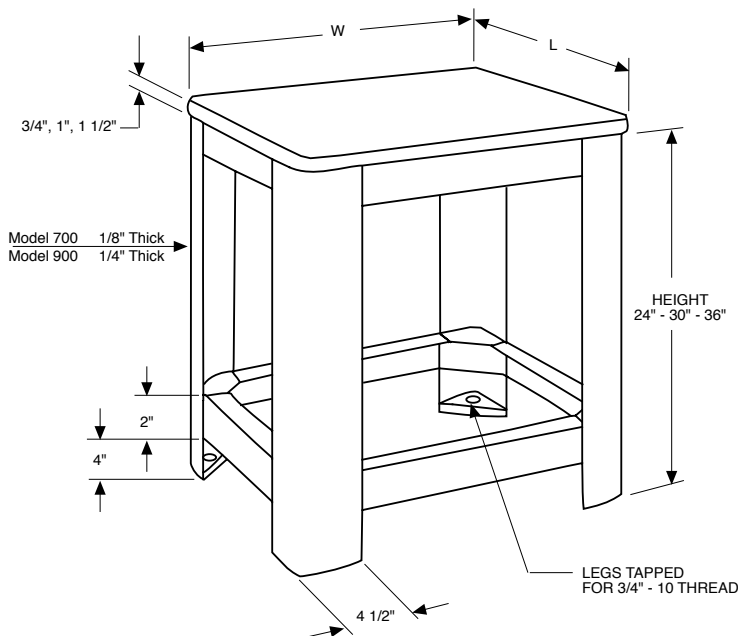
Standard Heights:

24", 30", 36" available. Special heights and sizes also available. Standard tables have tops Blanchard ground one side only.

For critical flatness, tops can be normalized and ground on both sides at an additional cost.

Options:

- Aluminum Jig Plate Top
- Special Sizes and Heights to Customer's Specifications



#1000

Model 1000

When you have extra heavy duty applications for mounting tools or machinery, the Model 1000 has a solid frame constructed with 3 x 3 x 1/4" thick square tubing. Available standard tops are 1" or 1-1/2" thick ground platen, bolted in place.

Standard Heights:

24", 30", 36" available. Special heights and sizes also available. Standard tables have tops Blanchard ground one side only. For critical flatness, tops can be normalized and ground on both sides at an additional cost.

Options:

- Aluminum Jig Plate Tops
- Special Sizes and Heights to Customer's Specifications

Count & Control Instruments

When it comes to counting, it adds up to Durant.

Stroke Counters

LIGHT DUTY Designed for easy incorporation into all kinds of machines and equipment, these light and medium duty counters require a minimum of driving effort. To make sure they will provide years of durable, reliable service, Durant makes them both rustproof and dustproof.

MEDIUM DUTY You can order these well known "D" model medium duty stroke counters in 4, 5, or 6 figures. They are solidly built and thoroughly tested. On small production machines, they will provide the highest level of accuracy and efficiency.

HEAVY DUTY For a heavy duty application, you need a heavy duty counter, and that's where you can count on Durant. In our high speed, streamlined heavy duty counter series, the shafts are stainless steel, and move in oil-less bearings. And since the drive action is designed with overstroke, the counter does not bottom out. Not only does this make installation easier, it lengthens the term of service. The cover is fabricated from stamped heavy gauge steel, and locked into position on a heavy die cast alloy base. These counters can be mounted from the bottom or the back; a heavy duty mounting plate is provided at no extra cost. Finally, to guard against unauthorized resetting or tampering they are available with a tamper-proof reset lock. The standard wing nut reset is also an option.

LIGHT DUTY			
Model	Figures	Drive	Reset
4-X-1-1-R	4	R.H. Lever	Knob
4-X-1-1-L	4	L.H. Lever	Knob
5-X-1-1-R	5	R.H. Lever	Knob
5-X-1-1-L	5	L.H. Lever	Knob
MEDIUM DUTY			
4-D-1-1-R	4	R.H. Lever	Wing Nut
5-D-1-1-R	5	R.H. Lever	Wing Nut
5-D-1-1-L	5	L.H. Lever	Wing Nut
HEAVY DUTY			
5-H-1-1-R	5	R.H. Lever	Wing Nut
5-H-1-1-L	5	L.H. Lever	Wing Nut



5-H-1-1-R

Take the full measure of your production. Accurately, reliably and economically.

Profitable high speed industrial production depends on the accuracy of the way you monitor and control it. Why settle for less than the Presidential Series from Durant. We were the first on the market with these high tech digital controls, and we have constantly improved them ever since. Right now, for example, you can order these no-compromise Durant Counters with the options you need to do just about anything you want:



58851-400

- Simple Production Counting
- Length Measurement
- Cut-to-Length Operations
- Batching, Packaging, or Roll Forming
- Blending or Dispensing
- Motor Speed Monitor Control
- Printing
- Parts Counting or Coil Winding
- Wide Range of Other Industrial Applications

ORDER NO.	TOTALIZER	1 SET POINT	2 SET POINTS	CONTROLLERS			CROP CUT	RATE	SCALING	DATA COMMUNICATIONS	DIGITS
				3 SET POINTS	BATCH						
58810-400	.									.	8
58811-400	.								.	.	8
58815-400	.							.	.	.	8
58820-400		.							.	.	5
58821-400		.							.	.	5
58825-400		.						.	.	.	5
58827-400	.			.	.	.	.	.	.	.	6
58830-400			.						.	.	5
58831-400			.						.	.	5
58840-400			.		.	.	.		.	.	6
58841-400			.		.	.	.		.	.	6
58850-400	.		.		.	.	.		.	.	6
58851-400	.		.		.	.	.		.	.	6
58860-400			.						.	.	6
58861-400	.		.						.	.	6
57810-400							.		.	.	7
57820-400		.					.		.	.	5
ACCESSORIES		DESCRIPTION									
38810-400	JIC Box adapter for Models 58810 and 57810										
38820-400	JIC Box adapter for all Models (58820 through 58861 and 57820)										
48720-202	Programming Aid										
58802-410	Desk Mounting Kit for all Models 58810 and 57810										
58802-420	Desk Mounting Kit for all Models (58820 through 58861 and 57820)										

* 1/Tau Rate (Rate calculated from period)
 ** Each of the 3-count register has its own preset, output, reset, inhibit and recycle capability. These functions can be performed by one counter independent of the other two.



Count & Control Instruments

Durant Revolution Counters. Up to 800 counts per minute . . . and still counting.

Model 57601-401 Linear Measuring Package

When your production application requires measuring material, look to Durant's Model 57601-401 Linear Measuring Instrument. This complete accurate measuring package consists of the 57601-401 counter, the encoder, the measuring wheel, and cable. Everything required to do the job right and accurately!

Note: When ordering, specify "57601-401 Measuring Package".

Model 57601-401 Linear Measuring Package	
Model	Description
57601-401	Counter: Single Preset with Rate, 115 VAC
38151-120	Encoder: 120 PPR Quadrature
29665-300	Cable: Connector assembly with clamp, bushing and 10' of shielded cable
20154-301	Wheel: Rubber Coated



MODEL 57601-401



MODEL 38151-120



MODEL 5-D-8-1-CL



MODEL 5-D-7-1-R-CL



6-Y-1-RMF-115A

Model 5D-8-1-AC, 5D-8-1-CL

For measuring brass, steel, plastics and paper this counter bracket assembly can handle speeds up to 500 feet per minute. 2 1/4 lbs. of pressure on the surface to be measured is provided by the measuring wheel and counter.

MODEL 5D-8-1-AC & MODEL 5D-8-1-CL			
Model	Figures	Rotation	Units of Measure
5D-8-1-AC	5	Anti-Clockwise	Feet
5D-8-1-CL	5	Clockwise	Feet

OPTION: Mounting Bracket & Measuring Wheel

Model "D" Series

For branding machines, low speed coil winders, wire measuring equipment, and all other medium duty revolution applications, the perfect solution is the Durant Model "D" Series. These spur gear end drive units are right angle worm drive counters. They are readily adapted as an accessory on machinery where right angle drive is desired to permit full view reading of the counter.

MODEL "D" SERIES				
Model	Figures	Drive	Rotation	Reset
5-D-7-1-R-CL	5	R.H.	Clockwise	Wing Nut
5-D-7-1-R-AC	5	R.H.	Anti-Clockwise	Wing Nut
5-D-7-1-L-CL	5	L.H.	Clockwise	Wing Nut
5-D-7-1-L-AC	5	L.H.	Anti-Clockwise	Wing Nut
5-D-7-3-R-CL	5	R.H.	Clockwise	None
5-D-7-3-L-AC	5	L.H.	Anti-Clockwise	None
5-D-6-1-CL	5	Front & Rear	Clockwise	Wing Nut
5-D-6-1-AC	5	Front & Rear	Anti-Clockwise	Wing Nut

Electric Counters

The strong, silent, fast operating DC electromagnetic drive in the Model Y-RMF provides accurate counts through a wide range of speeds to 1000 CPM. With its compact, built-in higher capacity rectifiers for AC operations, this unit is designed to operate dependably, even when subject to severe shock and vibration. A rugged housing protects the unit from moisture or dust penetration. And to make sure things stay as failure proof as possible, there is an absolute minimum of moving parts which never require lubricating under ordinary circumstances.

ELECTRIC COUNTERS			
Model	Figures	Voltage	Reset
6Y-1-RMF-115A	6	115 VAC	Knob
7Y-1-RMF-115A	7	115 VAC	Knob
6Y-1-2-RMF-PM	6	115 VAC	Key (Lock)

**Many more products than shown here.
Phone or Fax for additional information.**

If You Can't Find What You Want To Order . . .

Call 1-800-D-DURANT (338-7268) or Fax 1-401-738-2586

Fully Integrated Manufacturing

Welding, Plasma Cutting, CNC Machining, Electronic Control Manufacturing...
Exclusively by Durant!



Call 1-800-D-DURANT (338-7268)

Large Component and Finished Goods Inventory!



4 Easy Ways to Order

Quality Products • Competitive Pricing • Reliable Delivery



1 PHONE Toll-Free 1-800-D-Durant
(1-800-338-7268) or
1-401-781-7800

2 FAX By Calling 1-401-738-2586
24 Hours a Day

3 MAIL 200 Circuit Drive
North Kingstown, RI 02852

4 E-MAIL sales@durantco.com

All Components manufactured by Durant Tool Company are warranted for three years against defects in material or workmanship, given normal and intended use. Durant will repair or replace all equipment at its discretion. Durant reserves the right to make changes in all specifications and components.

Limited Warranty: All electrical and electronic components must be inspected to determine whether they will be warranted prior to replacement being sent. Motors, reducers, controls and items manufactured by companies other than Durant are warranted by their manufacturer and will be repaired or replaced at their discretion. Durant Tool Company does not assume responsibility for those items.

We make no warranty as to the adaptability of our equipment to the customer's application. This is determined by the customer and the dealer or his representatives.

This warranty supersedes all previous warranties made by Durant either expressed or implied.

Please follow these instructions for the fastest and most accurate processing of your order.

- Order by model number. Give a brief description of the item and specific quantities desired.
- Give your purchase order number, name, phone number, and any special instructions.
- Our friendly, qualified telephone personnel are available for fast, convenient, dependable service or if you have any questions about your order. Just call **TOLL FREE 1-800-D-DURANT**

PROMPT QUOTATIONS

Write, phone or FAX us for a quotation on any item. Even items not currently listed in our catalog. You will receive a prompt and detailed response on both price and delivery.

CUSTOMER SERVICE

Durant account managers, data entry staff, and customer service specialists are a team that focus on your needs. We're not satisfied until you are!

SPECIAL SERVICES

If you have special shipping or billing requests, please let us know. We have the ability to record special instructions; and make sure they are followed - every time. Let our flexibility work for you.

PRICING

We attempt to maintain the prices quoted as long as possible and expect to honor them. All prices are subject to change without notice due to printing and production error or extraordinary market conditions. The price charged will be that which is in effect at the time of Durant's acceptance of your order.

MINIMUM ORDERS - \$100.00 Net

RETURNS AND EXCHANGES

When you must return merchandise to us, please follow these simple procedures:

1. Please do not return merchandise without notifying us first and receiving our authorization.
2. Pack merchandise in a strong container.
3. Be sure to include a copy of the invoice.
4. Ship prepaid only.
5. Please allow adequate time for us to receive the package, inspect its contents and make the appropriate adjustment. We will handle your return as quickly as possible.

NOTE: We reserve the right to charge a restocking fee of 20% - 90% on all orders returned.

All parts and/or electronic items are not subject to return. There are no exceptions.

CANCELLATION

If a cancellation is received by Durant, after purchase number is issued, Durant reserves the right to charge a 20% - 90% cancellation fee. This fee is charged on all special machines and specific standard machines.

DURANT TOOL COMPANY is on the internet.
www.durantco.com

Tips & Answers to the Most Asked Questions!

Safeguarding of Machines

Never operate, install or maintain machines without understanding the complete and safe operation of that specific equipment.

It is the employer's responsibility to provide proper safety devices and equipment to safeguard the operator from harm and to safeguard these machines

at all times in order to meet all current state and federal government safety codes and standards.

All machines must be securely attached to the floor.

Damaged / Lost Items

The carrier who delivers the merchandise is responsible for loss or damage, whether it is the U.S. Postal Services,

United Parcel Service, or truck, since all products are sold F.O.B. our warehouse.

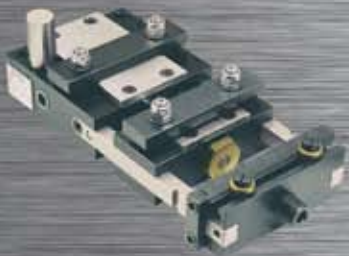
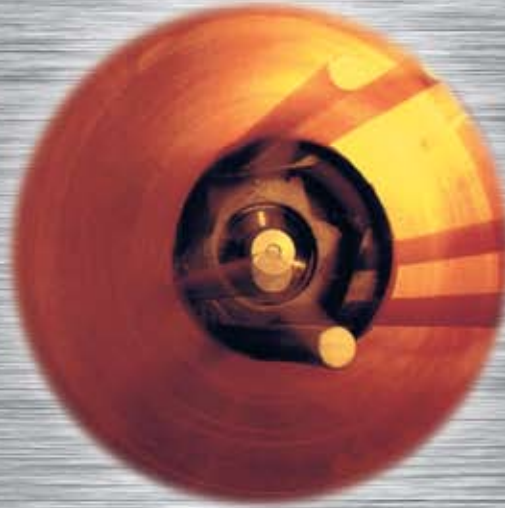
Misprint

Although we have made every effort to ensure the accuracy of information in this catalog, we cannot always control and are not responsible for printing errors and / or omissions.

Machine Color

Color of machines may not be the same as illustrated in this catalog, but can be specified.





Durant Tool Company

200 Circuit Drive
North Kingstown, RI 02852 USA
(401) 781-7800
(800) 338-7268
Fax: (401) 738-2586

www.durantco.com

