

Durant Tool Company

Wire Machinery Catalog



NEW



www.durantco.com

Uncoilers & Pallet Decoilers

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

1. Durant has more than 75 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.

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

From
\$3900⁰⁰



Model #3525-42

Uncoilers & Pallet Decoilers

PALLET DECOILER SPECIFICATIONS

Model	Weight Capacity	Max. Turntable RPM	Turntable Diameter	Motor H.P.
512-30	500 lbs.	0-12	30"	1/2
525-30	500 lbs.	0-25	30"	1/2
550-30	500 lbs.	0-50	30"	1/2
512-36	500 lbs.	0-12	36"	1/2
525-36	500 lbs.	0-25	36"	1/2
550-36	500 lbs.	0-50	36"	1/2
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
1212-36	1200 lbs.	0-12	36"	1/2
1225-36	1200 lbs.	0-25	36"	1/2
1250-36	1200 lbs.	0-50	36"	1/2
1212-42	1200 lbs.	0-12	42"	1/2
1225-42	1200 lbs.	0-25	42"	1/2
1250-42	1200 lbs.	0-50	52"	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
7550-52	7500 lbs.	0-50	52"	2
7512-60	7500 lbs.	0-12	60"	2
7525-60	7500 lbs.	0-25	60"	2

PALLET DECOILER SPECIFICATIONS

Model	Weight Capacity	Max. Turntable RPM	Turntable Diameter	Motor H.P.
7550-60	7500 lbs.	0-50	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.
- Casters for mobility and portability.
- Zero Speed/E Stop Air Brake system.

Turntable Diameters:

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

Benefits:

- Increase Worker Productivity.
- Easy Loading of Full Pallets of Coils.
- Smooth Payout and Uncoiling of your material.
- Heavy Duty Steel Frame Construction for Long Trouble Free Operation.
- Highest Quality Components.
- (3) Year Warranty.
- Versatile machine that handles many Uncoiling applications.



Wire Uncoilers

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.

Features:

- Wire stand locks.
- Accumulator / wire guide.
- Regenerative drive / braking.
- Coil stand lock.
- Heavy Duty Steel Frame Construction
- Rugged 1/2" Thick Solid Steel Turntable. Will not deflect or dent with forklift loading
- (2) Heavy Duty Main Spindle Support Bearings
- Heavy Duty Gear Reducer
- Reverse Turntable direction with flip of the switch. No mechanical adjustments or torque systems to install
- No drive wheels that wear and slip
- Requires no slack loop. Can be placed within 2-3 feet of wire forming machine depending on the application
- Easy loading of wire coils
- Easy to move within factory
- Automatic material speed controller
- Manual speed control over ride feature
- No Dangerous Turntable Pinch Points. (Note: Other manufactures have many casters and drive wheels under the turntable creating dangerous pinch points for operator's fingers.)

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

From
\$4900⁰⁰

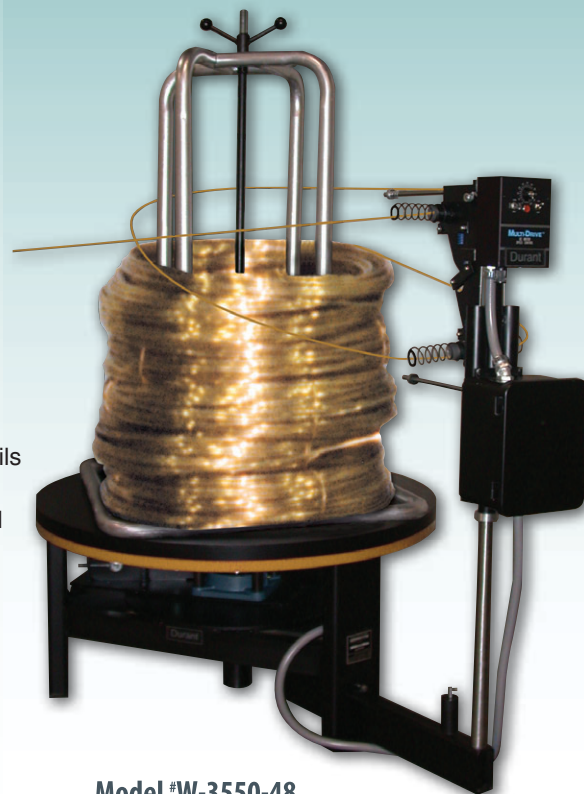
Options:

- Wire Retaining Basket on Turntable.
- Adjustable Inside Coil Diameter Coil Rods.
- Horizontal Top and Bottom Roller Guide Assembly on Adjustable Height Pole.
- Vertical Roller Guide Assembly on Adjustable Height Pole.
- Special color (black standard).
- Larger turntable diameter and/or weight capacity.
- Faster Turntable speeds to 75RPM.
- Turntable Diameters to 72" O.D.
- Special material diameters to .375"
- Larger weight capacities
- Rubber Anti-Slip Turntable Mat Option
- Casters for mobility and portability
- Zero Speed/E Stop Air Brake system

Benefits:

- Increase Worker Productivity
- Easy Loading of Wire Coils
- Smooth Payout and Uncoiling of your material
- Heavy Duty Steel Frame Construction for Long Trouble Free Operation
- Highest Quality Components
- (3) Year Warranty
- Versatile machine that handles many Wire Uncoiling applications

WIRE UNCOILER SPECIFICATIONS					
Model	Weight Capacity	Max. Wire Diameter	Max. Turntable RPM	Turntable Diameter	Motor H.P.
W-525-30-M	500 lbs.	.156"	0-25	30"	1/2
W-550-30-M	500 lbs.	.156"	0-50	30"	1/2
W-525-36-M	500 lbs.	.156"	0-25	36"	1/2
W-550-36-M	500 lbs.	.156"	0-50	36"	1/2
W-1025-30-M	1000 lbs.	.156"	0-25	30"	3/4
W-1050-30-M	1000 lbs.	.156"	0-50	30"	3/4
W-1025-36-M	1000 lbs.	.156"	0-25	36"	3/4
W-1050-36-M	1000 lbs.	.156"	0-50	36"	3/4
W-1025-42-M	1000 lbs.	.156"	0-25	42"	3/4
W-1050-42-M	1000 lbs.	.156"	0-50	42"	3/4
W-2025-42-M	2000 lbs.	.156"	0-25	42"	3/4
W-2050-42-M	2000 lbs.	.156"	0-50	42"	3/4
W-2025-48-M	2000 lbs.	.156"	0-25	48"	3/4
W-2050-48-M	2000 lbs.	.156"	0-50	48"	3/4
W-3525-48-M	3500 lbs.	.156"	0-25	48"	3/4
W-3550-48-M	3500 lbs.	.156"	0-50	48"	3/4
W-3525-54-M	3500 lbs.	.156"	0-25	54"	3/4
W-3550-54-M	3500 lbs.	.156"	0-50	54"	3/4
W-5025-48-M	5000 lbs.	.156"	0-25	48"	1
W-5050-48-M	5000 lbs.	.156"	0-50	48"	1
W-5025-60-M	5000 lbs.	.156"	0-25	60"	1
W-5050-60-M	5000 lbs.	.156"	0-50	60"	1



Model #W-3550-48

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



Heavy Duty Wire Uncoilers

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.

Features:

- Wire stand locks.
- Accumulator / wire guide.
- Regenerative drive / braking.
- Coil stand lock.
- Speed Sensor (No Potentiometer).
- Heavy Duty Steel Frame Construction
- Rugged 1/2" Thick Solid Steel Turntable. Will not deflect or dent with forklift loading
- (2) Heavy Duty Main Spindle Support Bearings
- Heavy Duty Gear Reducer
- Reverse Turntable direction with flip of the switch. No mechanical adjustments or torque systems to install
- No drive wheels that wear and slip
- Requires no slack loop. Can be placed within 2-3 feet of wire forming machine depending on the application
- Easy loading of wire coils
- Easy to move within factory
- Automatic material speed controller
- Manual speed control over ride feature
- No Dangerous Turntable Pinch Points. (Note: Other manufactures have many casters and drive wheels under the turntable creating dangerous pinch points for operator's fingers.)



Options:

- Adjustable Inside Coil Diameter Coil Rods.
- Horizontal Top and Bottom Roller Guide Assembly on Adjustable Height Pole.
- Vertical Roller Guide Assembly on Adjustable Height Pole.
- Faster Turntable speeds to 75RPM.
- Turntable Diameters to 72" O.D.
- Larger weight capacities
- Rubber Anti-Slip Turntable Mat Option
- Custom paint colors to customer specifications
- Casters for mobility and portability
- Zero Speed/E Stop Air Brake system

Benefits:

- Increase Worker Productivity
- Easy Loading of Wire Coils
- Smooth Payout and Uncoiling of your material
- Heavy Duty Steel Frame Construction for Long Trouble Free Operation
- Highest Quality Components
- (3) Year Warranty
- Versatile machine that handles many Wire Uncoiling applications

WHD WIRE UNCOILERS

Model	Weight Capacity	Max. Wire Diameter	Turntable RPM	Turntable Dia.	Motor H.P.
WHD 525-30	500 lbs.	.375"	0-25	30"	1/2
WHD 550-30	500 lbs.	.375"	0-50	30"	1/2
WHD 525-36	500 lbs.	.375"	0-25	36"	1/2
WHD 550-36	500 lbs.	.375"	0-50	36"	1/2
WHD 1025-30	1000 lbs.	.375"	0-25	30"	3/4
WHD 1050-30	1000 lbs.	.375"	0-50	30"	3/4
WHD 1025-36	1000 lbs.	.375"	0-25	36"	3/4
WHD 1050-36	1000 lbs.	.375"	0-50	36"	3/4
WHD 1025-42	1000 lbs.	.375"	0-25	42"	3/4
WHD 1050-42	1000 lbs.	.375"	0-50	42"	3/4
WHD 2025-42	2000 lbs.	.375"	0-25	42"	3/4
WHD 2050-42	2000 lbs.	.375"	0-50	42"	3/4
WHD 2025-48	2000 lbs.	.375"	0-25	48"	3/4
WHD 2050-48	2000 lbs.	.375"	0-50	48"	3/4
WHD 3525-42	3500 lbs.	.375"	0-25	42"	3/4
WHD 3550-42	3500 lbs.	.375"	0-50	42"	3/4
WHD 3525-48	3500 lbs.	.375"	0-25	48"	3/4
WHD 3550-48	3500 lbs.	.375"	0-50	48"	3/4
WHD 3525-54	3500 lbs.	.375"	0-25	54"	3/4
WHD 3550-54	3500 lbs.	.375"	0-50	54"	3/4
WHD 5025-48	5000 lbs.	.375"	0-25	48"	1
WHD 5050-48	5000 lbs.	.375"	0-50	48"	1
WHD 5025-60	5000 lbs.	.375"	0-25	60"	1
WHD 5050-60	5000 lbs.	.375"	0-50	60"	1

Wire Uncoilers

Non-Motorized



Features:

- Center Spider and Wire Basket on Turntable Top. 18" Inside coil diameter or Customer to Specify
- Rugged frame construction with ½" Thick Steel Turntable. Will not deflect or dent with forklift loading
- (2) Heavy Duty Main Spindle Support Bearings
- Adjustable Tension Type Brake
- Easy to move within factory

Uncoiling wire is simple and trouble-free when using the Durant Non-Motorized Wire Uncoiler. Only the Durant Wire Payoff eliminates the problems associated with wire twists and tangles. The smooth running rugged wire turntable is mounted on heavy duty bearings to give you a long lasting wire payoff.

A Heavy Duty adjustable tension type brake prevents over travel of your wire when the manufacturing line is stopped.

The center spider and wire basket on the turntable is standard equipment in order to contain your wire.

All Durant Wire Uncoilers are constructed with a Heavy Duty Base and Low Center of gravity to resist overload damage.

Non-Motorized Wire Uncoilers				
Model	Weight Capacity	Turntable Diameter	Minimum Coil I.D.	Brake
W-530-U	500 lbs.	30"	18" or Specify	Tension Type
W-536-U	500 lbs.	36"	18" or Specify	Tension Type
W-548-U	500 lbs.	48"	18" or Specify	Tension Type
W-1036-U	1000 lbs.	36"	18" or Specify	Tension Type
W-1048-U	1000 lbs.	48"	18" or Specify	Tension Type
W-2036-U	2000 lbs.	36"	18" or Specify	Tension Type
W-2048-U	2000 lbs.	48"	18" or Specify	Tension Type
W-2060-U	2000 lbs.	60"	18" or Specify	Tension Type
W-3036-U	3000 lbs.	36"	18" or Specify	Tension Type
W-3048-U	3000 lbs.	48"	18" or Specify	Tension Type
W-3060-U	3000 lbs.	60"	18" or Specify	Tension Type
W-4048-U	4000 lbs.	48"	18" or Specify	Tension Type
W-4060-U	4000 lbs.	60"	18" or Specify	Tension Type
W-4072-U	4000 lbs.	72"	18" or Specify	Tension Type
W-5048-U	5000 lbs.	48"	18" or Specify	Tension Type
W-5060-U	5000 lbs.	60"	18" or Specify	Tension Type
W-5072-U	5000 lbs.	72"	18" or Specify	Tension Type

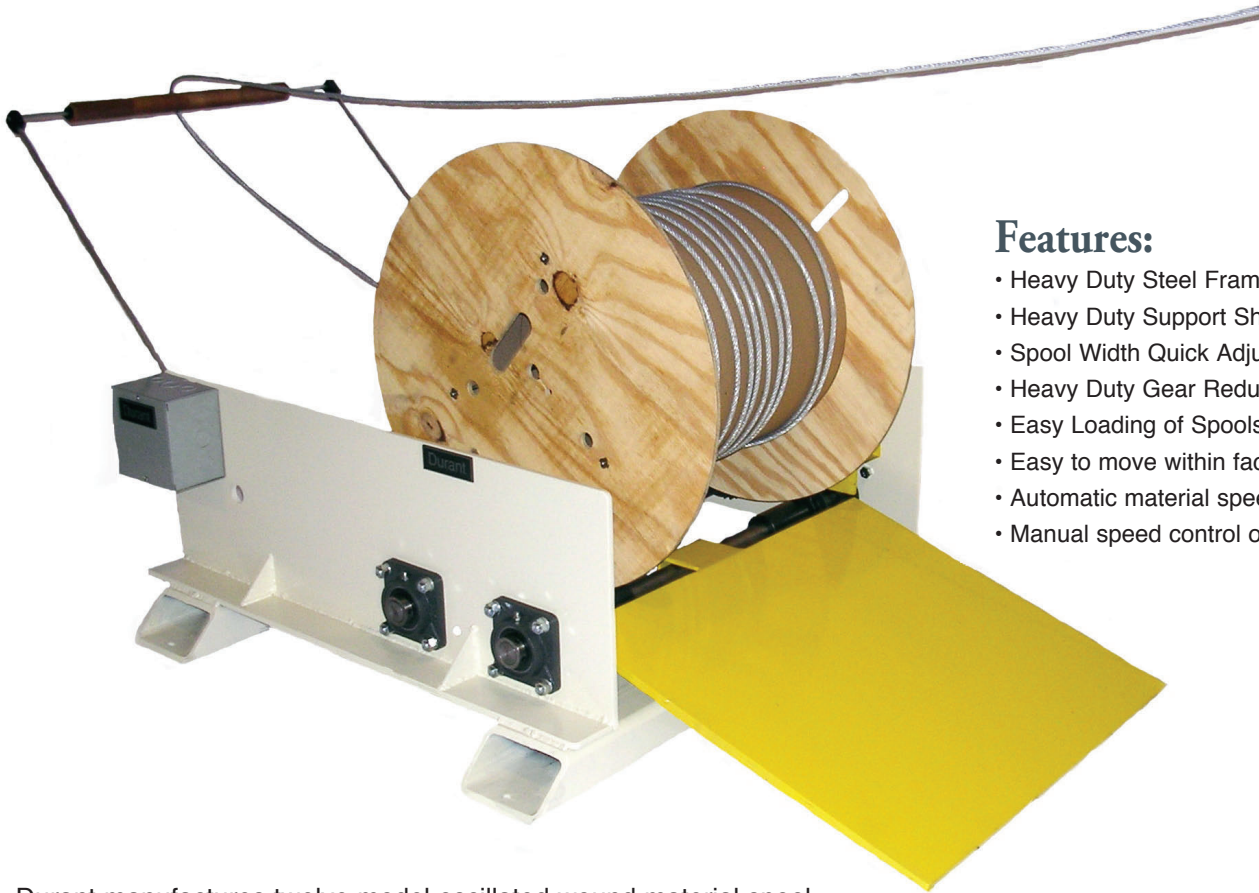
Options:

- Customer to Specify inside diameter of coils
- Larger Turntable diameter and/or Weight Capacity
- Casters for Mobility and Portability
- Zero Speed E/Stop Brake System
- Adjustable Tension Air Brake
- Special Color (Ivory Standard)

Benefits:

- Increase Worker Productivity
- Easy Loading of Wire Coils
- Smooth Payout and Uncoiling of your Material
- Heavy Duty Steel Frame Construction for Long Term Trouble Free Operation
- (3) Year Warranty
- Versatile Machine that handles many Wire Uncoiling applications

Wire Spool Uncoilers



Features:

- Heavy Duty Steel Frame Construction
- Heavy Duty Support Shaft Bearings
- Spool Width Quick Adjustment Guides
- Heavy Duty Gear Reducer
- Easy Loading of Spools with loading ramp
- Easy to move within factory
- Automatic material speed controller
- Manual speed control override feature

Durant manufactures twelve model oscillated wound material spool Decoilers in weight capacities to 5000 LBS and spool widths to 26". All Models are adjustable for a variety of spool widths and rim diameters. A heavy duty variable speed DC motor is used to give you our customer, a long lasting and trouble free investment.

A low profile design and loading ramp is standard equipment on all models, for easy loading.

A light weight variable speed Dancer arm with wire guide is standard on all models.

Options:

- Variable Speed Antenna Type Loop Controller
- Faster Payout Speeds
- Special Spool Widths
- Special Spool Weight Capacities

Benefits:

- Easy Loading of Spools with loading ramp
- Smooth Payout of your material
- Heavy Duty Steel Frame Construction for Long Trouble Free Operation
- Highest Quality Components
- (3) Year Warranty
- Versatile machine that handles most spool uncoiling applications

WSR WIRE SPOOL DECOILERS

Model	Capacity	Spool Rim O.D. Range w/DC Drive Motor HP	Max Spool Width
WSR 217	250 lbs.	12-40" OD 0-100 FPM ½ HP	17"
WSR 226	250 lbs.	12-40" OD 0-100 FPM ½HP	26"
WSR 517	500 lbs.	12-40" OD 0-100 FPM ½HP	17"
WSR 526	500 lbs.	12-40" OD 0-100 FPM ½HP	26"
WSR 1017	1000 lbs.	12-40" OD 0-100 FPM ¾HP	17"
WSR 1026	1000 lbs.	12-40" OD 0-100 FPM ¾HP	26"
WSR 2017	2000 lbs.	12-40" OD 0-100 FPM 1HP	17"
WSR 2026	2000 lbs.	12-40" OD 0-100 FPM 1HP	26"
WSR 3017	3000 lbs.	12-40" OD 0-100 FPM 1HP	17"
WSR 3026	3000 lbs.	12-40" OD 0-100 FPM 1HP	26"
WSR 5017	5000 lbs.	12-40" OD 0-100 FPM 1HP	17"
WSR 5026	5000 lbs.	12-40" OD 0-100 FPM 1HP	26"

Pedestal/Cabinet Wire Uncoilers

Durant Manufactures (7) Model Pedestal and Cabinet Mounted Variable Speed Motorized Wire Uncoilers in weight capacities from 50lbs. to 750lbs. Heavier weight capacities are available.

All models have a standard height of 34" from the Turntable to the base of the machine. Other heights are available, customer to specify at no additional cost.

The Durant Cabinet Wire Uncoilers are rugged machines that utilize an oversized DC Motor, giving you our customer, a long lasting and trouble free investment.

A light weight variable speed dancer type control arm with wire guides, are standard equipment.

Features:

- (4) Adjustable inside Coil Retainers
- Automatic Wire Speed Controller
- Manual speed control override feature
- Light Weight Dancer Type Wire Speed Controller and Wire Guides
- Heavy Duty Steel Frame Construction
- Heavy Duty Main Shaft Bearings
- 3" Diameter Main Shaft
- Regenerative Drive to enhance Acceleration/Deceleration
- Heavy Duty Gear Reducer

Options:

- Horizontal Top and Bottom Roller Guide Assembly on Adjustable Height Pole.
- Vertical Roller Guide Assembly on Adjustable Height Pole.
- Faster Payout Speeds / Turntable RPM
- Special Weight Capacities
- Special Passline Height
- Special Turntable Diameters



Pedestal Model



Cabinet Model

Benefits:

- Easy Loading of Wire Coils
- Smooth Payout of your materials
- Heavy Duty Steel Cabinet Construction for Long Trouble Free Operation
- Highest Quality Components
- (3) Year Warranty
- Versatile machine that handles many wire uncoiling applications

PEDESTAL WIRE UNCOILERS						
MODEL	MAXIMUM WEIGHT CAPACITY	TURNTABLE DIAMETER	TURNTABLE HEIGHT TO FLOOR	TURNTABLE RPM	WIRE DIAMETER	MOTOR
PWD-50-M	50lbs.	18"	34"	0-25RPM	.005"-.320"	1/8 H.P. 90 VDC
PWD-100-M	100lbs.	24"	34"	0-25RPM	.005"-.320"	1/8 H.P. 90 VDC
PWD-200-M	200lbs.	24"	34"	0-25RPM	.005"-.320"	1/8 H.P. 90 VDC

CABINET WIRE UNCOILERS						
MODEL	MAXIMUM WEIGHT CAPACITY	TURNTABLE DIAMETER	TURNTABLE HEIGHT TO FLOOR	TURNTABLE RPM	WIRE DIAMETER	MOTOR
CWD-100-M	100lbs.	24"	34"	0-25RPM	.005"-.320"	1/2 H.P. 90 VDC
CWD-250-M	250lbs.	30"	34"	0-25RPM	.005"-.320"	1/2 H.P. 90 VDC
CWD-500-M	500lbs.	30"	34"	0-25RPM	.005"-.320"	3/4 H.P. 90 VDC
CWD-750-M	750lbs.	42"	34"	0-25RPM	.005"-.320"	3/4 H.P. 90 VDC



Round/Square Wire Roll Feeders

Features:

- Rugged Compact Feed Body
- Rollers that allow (2) Wire Grooves per Roller
- Mechanical Cam Roll Pressure
- Allen Bradley Electronic Servo Motor and Controls

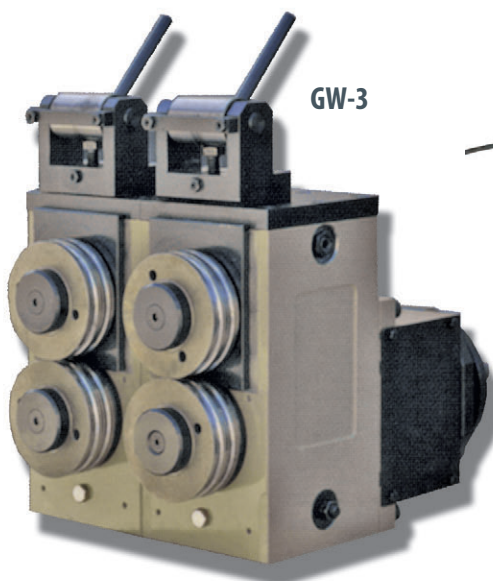
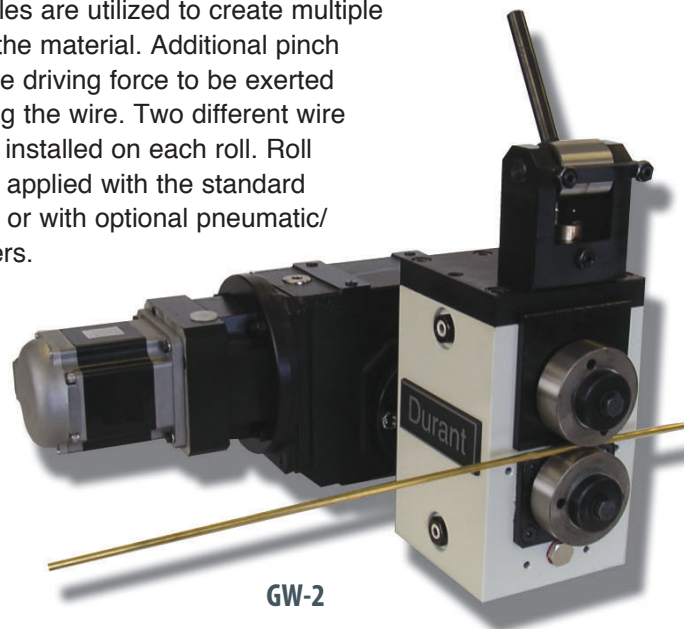
Options:

- Heavy Duty Adjustable Mounting Bracket
- Special Grooves for Rollers
- Pneumatic Roll Pressure
- Hydraulic Roll Pressure
- Wire Straighteners

Benefits:

- Rugged Mechanical Features that insure long term Problem Free Service
- Machine Design that reduces wire distortion while applying roll pressure
- (3) Year Warranty
- Versatile Feeding Machine for Most Wire Applications

Durant GW Series Electronic Servo Wire Feeders are Compact rugged machines designed specifically for round or shaped wire feeding. When additional gripping force is required, additional feed body modules are utilized to create multiple pinch points on the material. Additional pinch points allow more driving force to be exerted without damaging the wire. Two different wire grooves may be installed on each roll. Roll pressure can be applied with the standard mechanical cam or with optional pneumatic/hydraulic cylinders.



GW WIRE FEEDERS				
MODEL	PULLING CAPACITY	NUMBER DRIVE ROLLS	WIRE DIAMETER	ROLL DIAMETER
GW-1	150 lbs.	2	Up to .375"	2.56"
GW-2	330 lbs.	2	Up to .375"	2.56"
GW-3	660 lbs.	4	Up to .375"	2.56"

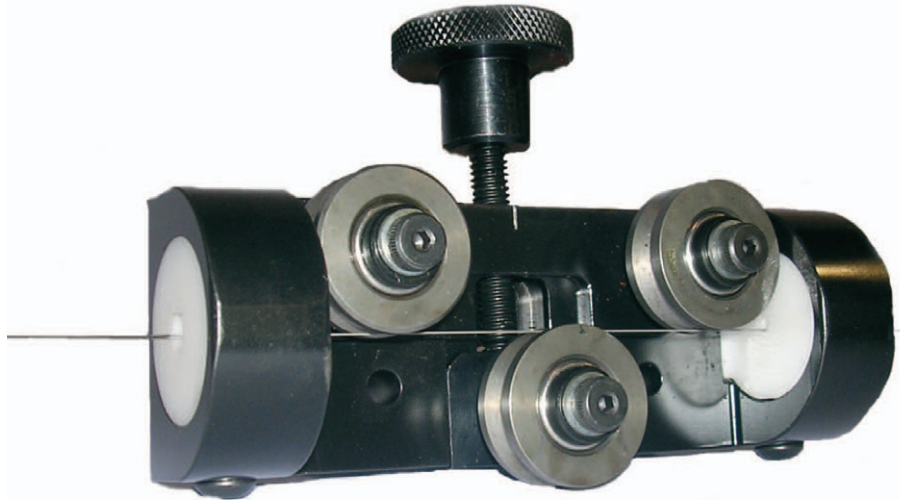
***You make \$\$\$ with the Durant Wire Payoff and Uncoilers.
Durant Uncoilers are Productivity Performers! We Guarantee it!***

Quick Adjust E-Series Wire Straightener

The Durant Quick Adjust E-Series Wire Straighteners are ideal straighteners to mount in conjunction with all types of production equipment, including welding machines to straighten your wire. There are two models available, the model EWS-3 for wire diameters up to .052" and the model EWS-3H medium duty model for wire up to .1875".

These high quality wire straighteners have a light weight rugged aluminum body and three hardened "V" groove straightening rolls. All models are equipped with Delrin Guides, a tension knob, fine adjustment scale and locating calibration.

When your straightening requirements call for more than three rolls, you may easily mount a series of these wire straighteners together in either horizontal or vertical planes.



EWS WIRE STRAIGHTENERS			
Model	WIRE DIAMETER UP TO	No. ROLLS	ROLL DIAMETER
EWS-3	.052" (1.3 mm)	3	1 ³ / ₁₆ "
EWS-3H	.1875" (4.76 mm)	3	1 ³ / ₁₆ "

DIMENSIONS				
Model	HEIGHT	LENGTH	DEPTH	WEIGHT
EWS-3	3" (76.0 mm)	3.5" (90 mm)	1.5" (38 mm)	1 LBS
EWS-3H	3" (76.0 mm)	5.5" (140 mm)	2" (51 mm)	3 LBS

Quick Adjust WIRE STRAIGHTENER

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.



Standard Features:

- All rolls can be individually adjusted by means of a thumb screw for precise wire straightening.
- All rolls are mounted on a hardened spindle set in ball bearings for long life.
- Quick opening and closing cam release feature insures a fast set-up and change over from one coil to the next.

Optional Features:

- Roller positioning indicators allow for your operator to easily locate desired roller settings for each job
- All Durant Wire Straighteners may be purchased with one plane only
- GW Wire Servo Roll Feeder
- Manual Hand Crank Drive Rolls on Stand
- Variable Speed Motorized Drive Rolls - Automatic Loop Control
- Variable Speed Motorized Drive Rolls - Hand Pendant Control
- Variable Speed Motorized Drive Rolls - Foot Pedal Control

XWS WIRE STRAIGHTENERS

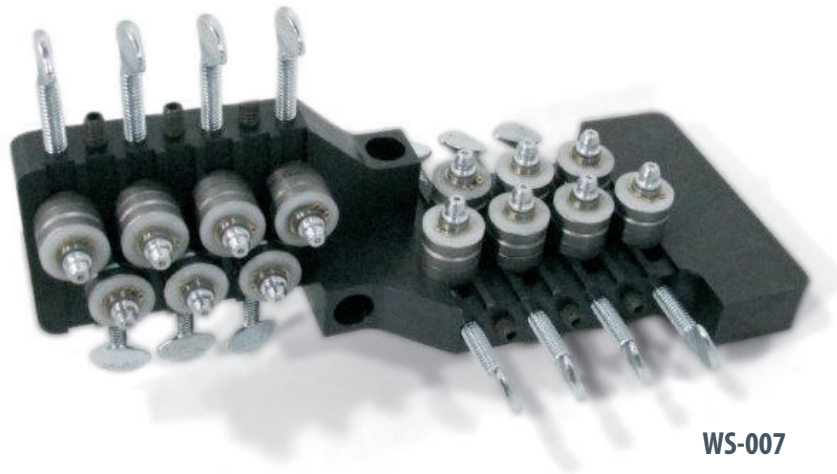
Model	Wire Diameter Up To	No. Rolls	Roll Diameter
XWS-007	.062" (1.58 mm)	14	3/4"
XWS-5	.1875" (4.76 mm)	10	1 ³ / ₁₆ "
XWS-7	.1875" (4.76 mm)	14	1 ³ / ₁₆ "
XWS-5H	.375" (9.53 mm)	10	2 ¹ / ₄ "
XWS-7H	.375" (9.53 mm)	14	2 ¹ / ₄ "



TRADITIONAL WIRE STRAIGHTENERS

Model WS Wire Straighteners

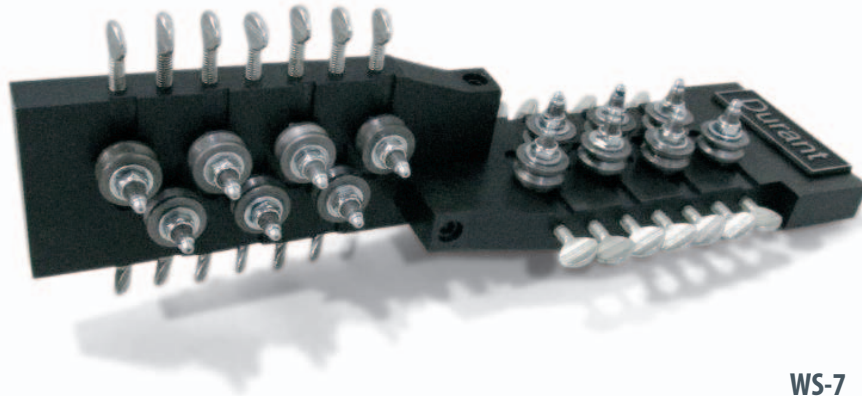
Durant Wire Straighteners are used for straightening round or flat wire as well as wire with irregular cross sections. Each unit consists of two sets of 5 or 7 "V" grooved rolls set at right angles as illustrated to remove the material curvature on both planes. The rolls on Durant Wire Straighteners 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.



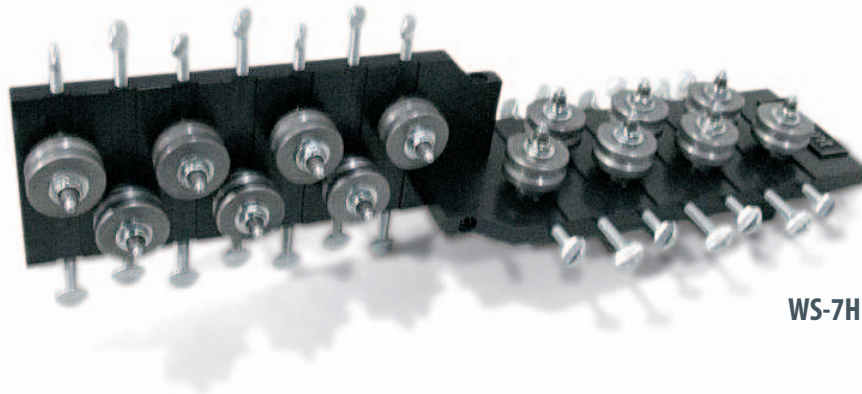
WS-007

Features of Construction:

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



WS-7



WS-7H

Features:

- All rolls are adjustable enabling you to fine tune the straightening of your material
- All rolls are individually adjusted by means of a thumb screw
- Each roll is set in ball bearings and mounted on a hardened spindle with a grease fitting for proper lubrication and long life
- All machines have a mounting pad for quick and easy mounting to your machine
- Precision Solid Steel CNC Machined Construction

Options:

- All straighteners may be purchased with one plane only
- GW Wire Servo Feeder
- Air Feeder
- Manual Hand Crank Drive Rolls on Stand
- Variable Speed Motorized Drive Rolls
- Special Grooved Rolls

Benefits:

- Easy to mount on your machine
- All Rolls adjustable with a thumb screw to precisely straighten your materials
- (3) Year Warranty
- Versatile machine that handles most wire straightening applications

STANDARD WS WIRE STRAIGHTENERS

MODEL	NUMBER OF ROLLS	DIAMETER 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.

The Compact, Economical, Efficient Cut-To-Length Machine

When making an investment in Cut-To-Length Machines, Durant is the solution for your requirements. Durant is a team building the machine 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 5 models. All feed body parts are precision manufactured with the latest CNC machine technology and have a black oxide machine tool finish. These low maintenance high performance machines incorporate the latest Servo technology.

The Durant Cut-To-Length Machines include our Quick Adjust Wire Straightener, GW Series Electronic Servo Roll Feeder, and powerful pneumatic cutter mounted on a heavy duty machine base.

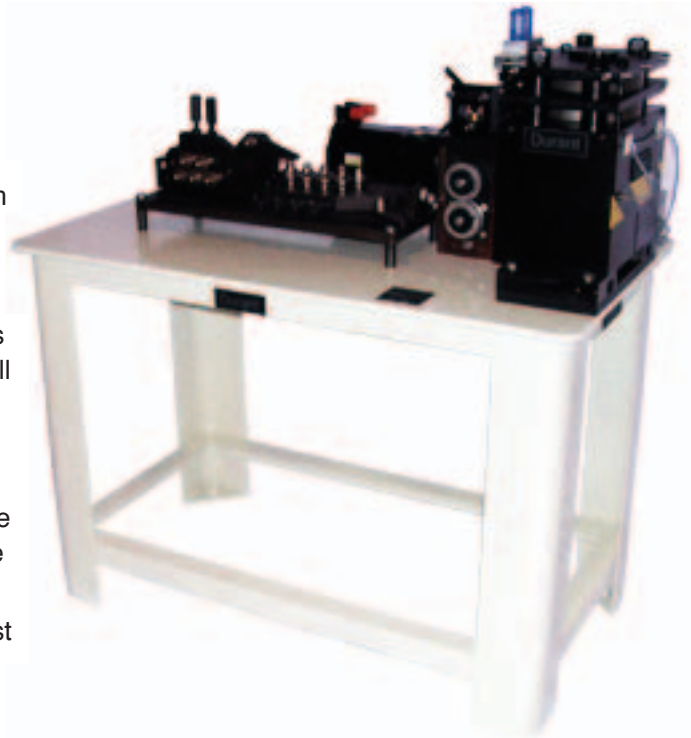
All Model machines handle a wide range of wire diameters. It gives you our customer, a versatile investment that eliminates the need of using oversized presses or other machines that occupy valuable floor space for simple cut-to-length operations.

The Compact Durant design requires only an air line and power supply. The wire is accurately straightened and fed to the pneumatic cutter knives with guide rollers, keeping the wire straight and perpendicular to the cut.

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.

Cutter Features:

- Material holding device for optimal cutting accuracy
- Powerful pneumatic or hydraulic cylinder
- Integral guard protection
- Precision holes in blades to fully guide and contain the wire through the cutting process



Selection

Durant manufactures five standard models of high quality competitively priced Cut-To-Length Machines that handle wire to .375" diameter. When cutting 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 wires up to .375". 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.

Construction

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

Comparison

Put our machines 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!

WIRE CUT TO LENGTH MACHINES ROLL FEEDER CUTTER



Standard Mechanical Features:

- Precision Machined construction.
- Black Oxide finished.
- Matte finish rolls.
- Brushless servo motor.
- Adjustable roller stock guides.
- Heavy duty machine base built to customer specifications.
- 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, 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.

Standard Features:

- Heavy Duty Machine Base
- GW Wire Servo Roll Feeder
- Pneumatic Cutter

Optional Features:

- Wire Straightener
- Roll Positioning Indicators for Wire Straightener Rolls
- Wire Decoiler

WCLM Machines			
MODEL	WIRE DIAMETER CAPACITY (mild steel)	CUTTING LENGTH	CUTTING FORCE
WCLM-1	Up to .062" (1.58 mm)	0-999"	1100 lbs.
WCLM-2	Up to .125" (3.25 mm)	0-999"	2200 lbs.
WCLM-3	Up to .1875" (4.76 mm)	0-999"	4400 lbs.
WCLM-4	Up to .240" (6.00 mm)	0-999"	4400 lbs.
WCLM-5	Up to .375" (9.37 mm)	0-999"	11000 lbs.

See Wire Straightener model for detailed Wire Straightener specifications.

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.

Durant Counters

Flat Material / Wire Measuring Machines

WCMP-1 Wire/ Cable Measuring Machine

When your production application requires measuring wire or cable, look to Durant's complete measuring machine. Precisely and accurately measure your wire or cable to monitor your usage or predetermined requirements. The Durant measuring machine can be ordered with a heavy duty base mounted stand or mounting bracket.

Specification:

- Durant Counter - Model # E5-648-C2421, 120 Volt, (2) Presets, Relay Output
- Encoder Cable - Model #29665300, 10 Foot long or Specify
- Heavy Duty Mounting Stand or Mounting Bracket - Customer Specify
- Durant Encoder - Model #48370060, 60 Pulses per Minute
- Rubber Coated Measuring Wheel - 12" Diameter, #20154301 Kit

Features:

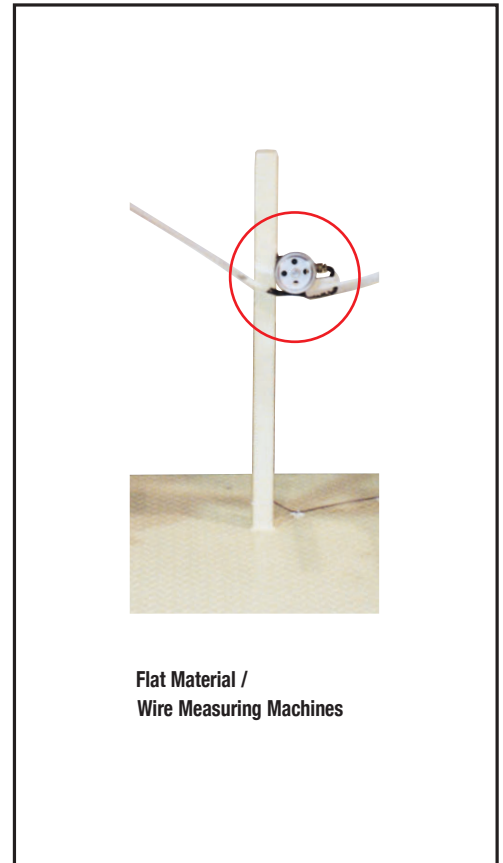
- Heavy Duty Base Mounted Stand or Mounting Bracket
- Non marking material measuring wheel
- Heavy Duty Counter for long term industrial use with (2) presets
- Precise and Accurate Measuring

FMMP-1 Flat Material Measuring Machine

When your production application requires measuring flat material, look to Durant's complete measuring machine. Precisely and accurately measure your materials to monitor your usage or predetermined requirements. The Durant measuring machine can be ordered with a heavy duty base mounted stand or mounting bracket.

Specification:

- Durant Counter - Model # E5-648-C2421, 120 Volt, (2) Presets, Relay Output
- Encoder Cable - Model #29665300, 10 Foot long or Specify
- Heavy Duty Mounting Stand or Mounting Bracket - Customer Specify
- Durant Encoder - Model #48370060, 60 Pulses per Minute
- Urethane Coated Measuring Wheel - 12" Diameter, #20144303 Kit



Benefits:

- Precisely and Accurately measure your flat or wire materials
- Quick Set Up
- Monitor material usage
- Monitor production
- (3) Year Warranty

Features:

- Heavy Duty Base Mounted Stand or Mounting Bracket
- Non marking material measuring wheel
- Heavy Duty Counter for long term industrial use with (2) presets
- Precise and Accurate Measuring

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.

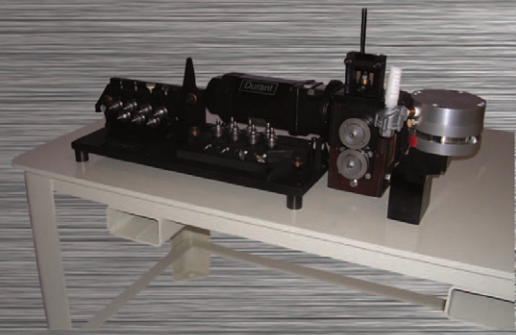
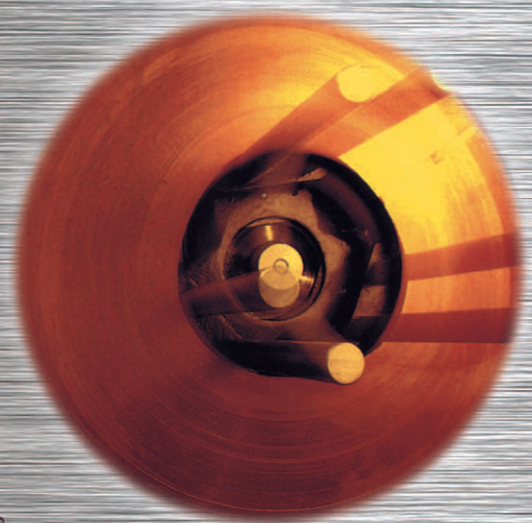
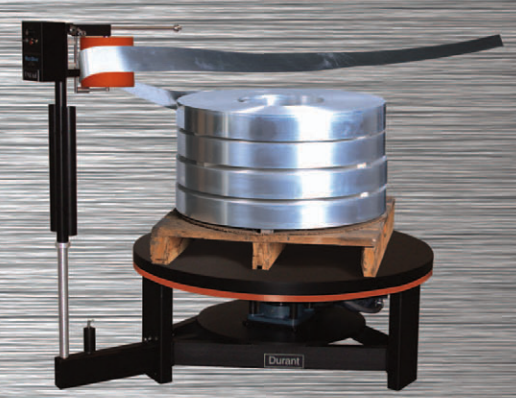
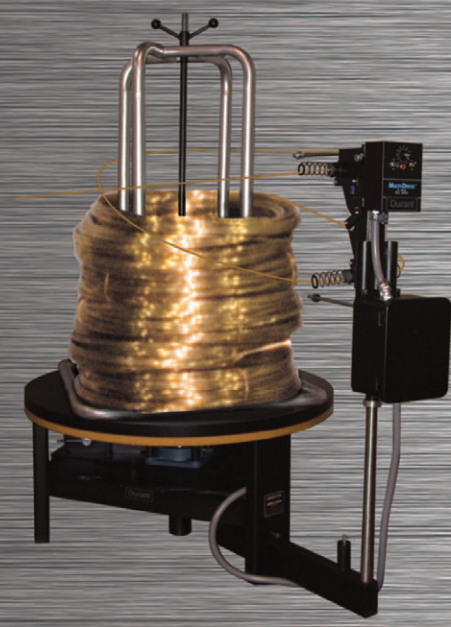
Misprint

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.





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 Fax: (401) 738-2586

www.durantco.com

