

STANDARD FEATURES



DTi is dedicated to produce the highest quality in-line wire drawing equipment and related accessories. Designed and built by the most experienced team in the industry, we are committed to the principals of high quality construction, service excellence, machine safety, innovative design and technical leadership.

WIRE DRAWERS

STANDARD ON ALL MODELS

- >> AC inverter drive
- >> Planetary gear reducer (no chain drive)
- >> Full capstan safety guard with interlock
- >> Self-storing gripper
- >> Safety interlocks
- >> Power supply disconnect
- >> Percent load and hour meter
- >> Two speed jog

STANDARD ON MODELS 38-150

- >> Pneumatic wire rollers and compensator
- >> PLC machine logic with 24
- >> Two hand safety jog
- >> Lift off draw box (model 25-58)

STANDARD ON MODELS 90-150

- >> Entrance wire roller guide with end of coil switch
- >> Power feed head
- >> End of coil anti-flail roller
- >> HMI operator controls



ROLL TYPE STRAIGHTENERS

- >> Single and two plane construction
- >> Integrated single knob adjustment with quick release
- >> Manual or powered roll positioners with digital readout available
- >> Available with wire line height and direction of wire flow as required



POWER DRIVEN UNCOILERS

- >> Designed for high speed and heavy coil applications
- >> Two models available for diameters up to 1.500 inch (38 mm)
- >> Can be equipped with twin coil support mandrels designed to reduce coil swing to allow for faster production speeds
- >> AC Inverter drive system
- >> Pneumatically actuated feed rolls, 8 or 12 inch (203.2 or 304.8 mm) diameter
- >> Portable operator's station
- >> Ridged I-beam construction to support the large coils
- >> 90 and 96 inch (2286 and 2438.4 mm) mandrels standard other lengths available
- >> Snag detector switch
- >> HMI operator controls
- >> End of coil detector



Model 138

Power Driven Uncoilers

OPTIONS

- >> Full enclosure, with safety interlocked guard
- >> Power cutoff saw
- >> Integrated single or double plane straighteners

Model	Capstan Diameter inch (mm)	Max. Rated Draw Force lbs (kg)	Alloy Max Max. Diameter inch (mm)	Mild Steel Max. Diameter inch (mm)	Available Horse Power Range hp (kw)	Feed Head
12	12" (304)	1200 (400)	0.040 (1)	0.125 (3.0)	2 (1.4)	-
31	20" (508)	3100 (1406)	0.250 (6.4)	0.312 (8.0)	5-20 (3.7-15)	-
38	24" (610)	5000 (2270)	0.312 (7.9)	0.375 (9.5)	5-20 (3.7-15)	-
43	28" (711)	6500 (2950)	0.375 (9.5)	0.437 (11.0)	10-60 (7.5-45)	-
43XL	28" (711)	7500 (3400)	0.437 (11.0)	0.500 (12.7)	10-60 (7.5-45)	-
58	36" (914)	8500 (3850)	0.500 (12.7)	0.580 (14.7)	15-30 (11-22.5)	Optional
63	36" (914)	12500 (5660)	0.562 (14.3)	0.625 (16.0)	20-60 (15-45)	Optional
73	44" (1118)	16000 (7250)	0.688 (17.5)	0.750 (19.0)	25-75 (19-56)	Optional
90	44" (1118)	20000 (9060)	0.750 (19.0)	0.900 (22.9)	30-100 (22.5-75)	Standard
100	54" (1372)	25000 (11300)	0.875 (22.0)	1.000 (25.4)	30-200 (22.5-150)	Standard
118	54" (1372)	25000 (11300)	1.000 (25.4)	1.187 (30.0)	30-200 (22.5-150)	Standard
138	65" (1650)	35000 (15820)	1.125 (28.5)	1.375 (34.925)	30-200 (22.5-150)	Standard
150	65" (1650)	45000 (18144)	1.125 (28.5)	1.500 (38)	30-200 (22.5-150)	Standard

STANDARD FEATURES

BUTT WELDERS

SPT6

- >> 0.125 in (3.1 mm) to 0.625 in (16mm) capacity
- >> Manual clamp and upset
- >> Filing vise
- >> Caster mounted
- >> Nema 12 electric with disconnect
- >> Infinitely variable heat selection
- >> 480/1/60 volt single phase with 24 volt controls
- >> Interlocked safety guards
- >> 110 volt outlet for grinder

SPT10 (all features of SPT6)

- >> 0.250 in (6.4 mm) to 1.0 in (25.4 mm) capacity
- >> Pneumatic clamp and upset
- >> Anneal device

OPTIONS

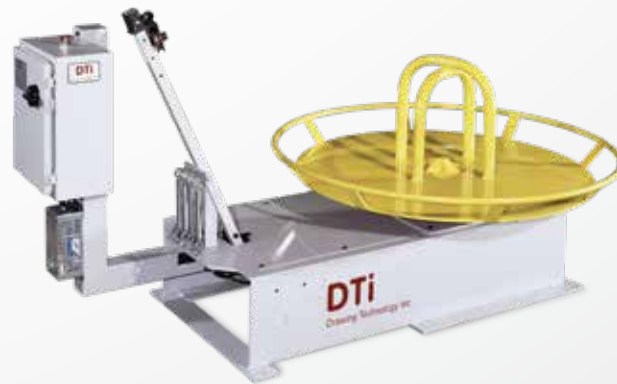
- >> Anneal device SPT6
- >> 230, 380 or 575 volt



SPT10

POWER TURNTABLES

- >> 5hp AC inverter variable speed drive with dynamic braking
- >> Adjustable tension and height spring loaded dancer arm
- >> 50 and 60 inch (1270 and 1524 mm) diameter top plate
- >> 5000 lb (2267.962 kg) coil capacity
- >> Wire containment ring
- >> Reversible rotation
- >> Production machine safety interlock system
- >> Dual speed control
- >> Full dancer arm control or master setting with trim
- >> Standard mounting for up to 3 lifter arm



ROD FLIPPERS

- >> Allows for coil changes without stopping production line when used with a butt welder
- >> Will handle coils sizes of up to 6000 pounds (2721.554 kg) with an unbanded length of up to 8 feet (2.4384 m)
- >> Can be used for rod sizes from 0.218 to 0.680 inch diameter (5.5 to 17mm)
- >> Space saving Z or S configurations standard
- >> Large radius saddles help reduce tangles on small diameter rod



Leading the Way in Wire Processing Equipment



IN-LINE WIRE DRAWING

- > High Quality Construction
- > Innovative Design
- > Proudly made in the USA