

Drawing Technology

IN-LINE WIRE DRAWERS

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
- Technical leadership

Model 100 | Shown with door safety guard in open position and optional pendant control station



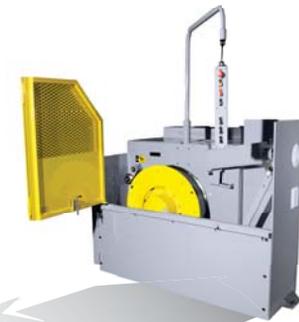
Pneumatic automatic end of coil roller, power feed head & wire rollers

Model	Capstan Diameter inch [mm]	Max. Rated Draw Force lbs. [kg]	Alloy Max. Diameter inch [mm]	Mild Steel Max. Diameter inch [mm]	Available Power Range hp [kw]	Feed Head
25	20" [508]	1800 [816]	.125 [3.2]	.250 [6.4]	5-10 [3.7-7.5]	N/A
31	20" [508]	3100 [1406]	.250 [6.4]	.312 [8.0]	5-20 [3.7-15]	N/A
38	24" [610]	5000 [2270]	.312 [7.9]	.375 [9.5]	5-20 [3.7-15]	N/A
43	28" [711]	6500 [2950]	.375 [9.5]	.437 [11.0]	10-60 [7.5-45]	N/A
43XL	28" [711]	7500 [3400]	.437 [11.0]	.500 [12.7]	10-60 [7.5-45]	N/A
58	36" [914]	8500 [3850]	.500 [12.7]	.580 [14.7]	15-30 [11-22.5]	N/A
63	36" [914]	12500 [5660]	.562 [14.3]	.625 [16.0]	20-60 [15-45]	OPTIONAL
73	44" [1118]	16000 [7250]	.688 [17.5]	.750 [19.0]	25-75 [19-56]	OPTIONAL
90	44" [1118]	20000 [9060]	.750 [19.0]	.900 [22.9]	30-100 [22.5-75]	STANDARD
100	54" [1372]	25000 [11300]	.875 [22.0]	1.00 [25.4]	30-200 [22.5-150]	STANDARD

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Model 73 | Shown with door safety guard in open position and optional pendant control and feed head



Model 43 | Shown with door safety guard in open position and optional pendant control station

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 all models 38 through 100

- Pneumatic wire rollers
- Pneumatic compensator
- PLC machine logic with 24 volt controls
- Two hand safety jog
- Two speed jog
- Lift off draw box (model 25 through 58)

Standard on Models 90 and 100

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

PLC Machine Control Logic



Lift Off Draw Box



Self-storing Gripper Chain



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