

Decoiler/Coilers

High Quality Product for
Coil-Feeding in Press-Room



100 kg
Pneumatic Decoiler



300 kg
Coiler with Winding
Arrangement



500 kg
Motorised
Decoiler



500 kg
Twin Motorised Decoiler



2500 kg Decoiler
(With Optional Pneumatic Hold-Down)



1000 kg Twin
Motorised Decoiler



Precision Tension Winder for
Strip Casting Machines



FEATURES

- Rigid Fabricated Structure.
- Three / Four Self Centering Coil-location jaws. With mechanical gear reducer for models above 2.5 Tonne.
- The Spindle & Coil holding heads housed in mechanical & precised machined housing & rotates on dust proofed sealed bearing element.
- All motorised decoilers are chain driven soft start & stop through mechanical torque limiter & friction drag brake.
- Drive System : A.C. Fixed Speed /A.C. Variable Speed (optional)
- Control Panel with Suitable loop control system to maintain loop of coil for the machine via Antenna Type loop sensors / limit arm through limit Switches / Photosensors
- In Twin Spindle Decoiler, two mandrels are housed on a Turret and Turret is supported on antifriction bearings for reducing friction while indexing. Turret is locked by spring loaded plunger & released by foot pedal. (This is for quick coil-changeover & saving coil loading time.)

OPTIONS

- All units are available in non motorized version with drag brake.
 - Electro Magnetic / Pneumatic Brakes.
 - Coil hold-down (hydraulic / pneumatics) for springy materials.
 - Hydraulic Jaws Expansion.
 - Decoilers with Shafting & Key to load bobbin.
 - Limit arm through limit Switches/Photo sensors.
- Other Special features on request.

All above equipments are designed for 12-15 revolutions per minute.

Higher or Lower revolution per minute are available on request.

Models of higher capacity are available on request.

Technical specifications are indicative and subject to change to suit end application.

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Motorised Vertical Decoiler (Standard Models)

Model	Max. Weight kg	Max. Width (mm)	JAW Expansion (mm)	Expansion Type (mm)	OD. Max (mm)	Power (hp)	Centre Height from Floor	Occup. Area (mm)		
								L.	W.	H.
VD-1(PNE)	100	100	300 - 380	Mech Link Type	800	6 bar	600	850	800	1100
VD-2	200	150	150 - 350	Mech Screw Type	800	0.5	600	850	800	1100
VD-5	500	150	300 - 500	Mech Screw Type	1000	0.5	840	1050	950	1400
VD-10	1000	300	330 - 450	Mech Link Type	1200	0.75	1005	1250	1100	1650
VD-16	1600	400	330 - 450	Mech Link Type	1500	1	1040	1700	1150	1900
VD-25	2500	400	420 - 530	Mech Link Type	1500	1.5	1050	1700	1300	1850
VD-30	3000	600	460 - 560	Mech /Hyd Link Type	1500	3	905	1700	2000	1700
VD-30	3000	600	460 - 560	Mech /Hyd Link Type	1500	3	905	1700	2000	1700
VD-50	5000	800	460 - 560	Mech /Hyd Link Type	1500	5	980	1700	2500	1700
VD-50	5000	1000	460 - 520	Mech /Hyd Link Type	1500	5	980	1700	2700	1700
VD-100	10000	1250	460 - 520	Hyd Link / Wedge Type	1500	7.5	1205	1700	3800	2000
VD-100	10000	1500	460 - 520	Hyd Link / Wedge Type	1500	7.5	1205	1700	4050	2000

Twin Motorised Vertical Decoiler (Standard Models)

Model	Max. Weight kg	Max. Width (mm)	JAW Expansion (mm)	Expansion Type (mm)	OD. Max (mm)	Power (hp)	Centre Height from Floor	Occup. Area (mm)		
								L.	W.	H.
TD - 5	500 X 2	150	300 - 500	Mech Screw Type	1000	0.5 X 2	900	2000	2000	1800
TD - 10	1000 X 2	300	330-450	Mech Link Type	1200	0.75 X 2	1006	1850	1850	1600
TD - 16	1600 X 2	300	330-450	Mech Link Type	1200	1.0 X 2	905	2100	2100	1730
TD -25	2500 X 2	400	420 - 530	Mech Link Type	1200	1.5 X 2	1220	2250	2250	1900

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