

Decoiler / Coilers

High Quality Product for
Coil - Feeding in Press - Room



Pneumatic Decoiler
VD - 1 (PNE)



Motorised Decoiler
VD - 2



Motorised Decoiler
VD - 5



Motorised Coiler
With Winding Arrangement
VD - 5



Motorised Decoiler
VD - 10



Twin Motorised Decoiler
TD - 10



Motorised Decoiler
With Pneumatic Hold - Down
VD - 25



Motorised Decoiler
With Hydraulic Jaw Expansion
VD - 100



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.

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 x 800 x 1100		
VD-2	200	150	150-350	Mech Screw Type	800	0.5	600	850 x 800 x 1100		
VD-5	500	150	300-500	Mech Screw Type	1000	0.5	840	1050 x 950 x 1400		
VD-10	1000	300	330-450	Mech Link Type	1200	0.75	1005	1250 x 1100 x 1650		
VD-16	1600	400	330-450	Mech Link Type	1500	1	1040	1700 x 1150 x 1900		
VD-25	2500	400	420-530	Mech Link Type	1500	1.5	1050	1700 x 1300 x 1850		
VD-30	3000	600	460-560	Mech /Hyd Link Type	1500	3	905	1700 x 2000 x 1700		
VD-50	5000	800	460-560	Mech /Hyd Link Type	1500	5	980	1700 x 2500 x 1700		
VD-50	5000	1300	460-520	Mech /Hyd Link Type	1500	5	980	1700 x 3000 x 1700		
VD-100	10000	1300	460-520	Hyd Link /Wedge Type	1500	7.5	1205	1700 x 3850 x 2000		
VD-100	10000	1500	460-520	Hyd Link /Wedge Type	1500	7.5	1205	1700 x 4050 x 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 x 2000 x 1800		
TD - 10	1000 x 2	300	330-450	Mech Link Type	1200	0.75 x 2	1006	1850 x 1850 x 1600		
TD - 16	1600 x 2	300	330-450	Mech Link Type	1200	1.0 x 2	905	2100 x 2100 x 1730		
TD - 25	2500 x 2	400	420-530	Mech Link Type	1200	1.5 x 2	1220	2250 x 2250 x 1900		

All above equipments are designed for Line speed uptill 22 Mtrs. Per Minute.
Models of Higher Capacity or Higher Or Lower Line Speeds are available on request.

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

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