



TNT PRO
ENGINEERING CO.,LTD.

บริษัท ทีเอ็นที โปร เอ็นจิเนียริ่ง จำกัด

TNT PRO ENGINEERING CO.,LTD.

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SPECIFICATION FOR FILTER PRESS MACHINE

Model : XMZ 100/1000

Description	Unit	Detail / Specification
Specifications		
1. Control System		
Closing Method		Electrical Hydraulic
Cake Discharging		Manual
Cabinet Element		Schneider
Control PLC		Siemens
2. Structure		
Beam Type		Side-bar
Beam Material		High quality carbon steel Q235
Surface Processing		High speed centrifugal ball blast descaling
Painting		Three layers (priming paint/epoxy paint/anticorrosive paint)
Shifter power		0.75 kw.
3. Filter Plate		
Plate Type		Chamber Filter Plate
Material		PP
Feed Method		Center Feed
Liquid Discharging Method		Open Filterate (Two Sides)
Feeding Pressure		1 Mpa
4. Hydraulic System		
Pressure Compensation		16 Mpa/Auto
Pressure Maintenance		16-18 Mpa
Cylinder Material		#45
Cylinder Process		Chromeplate
Hydraulic Power		4 kw.
Oil Hose		High Pressure 36 Mpa Low Pressure 22 Mpa
Installation		Individual Desing
5. Filter Cloth		
Filter Cloth Material		PP
Filtering Precision		Customized
Acid Resistance		Good
Alkali Resistance		Good
Abrasive Resistance		Good
Temperature Resistance		90° C
6. Detail Solution		
Plate Quantity		57 + 1 + 1 Pcs
External Plate Length		1000 x 1000 mm.
Inner Plate Length		930 x 930 mm.
Thickness Of Plate		60 mm.
Thickness Of Cake		30 mm.
Filtering Volume		1.5 m3
Filtering Area		100 m2
Dimension Width x Length x Height (WxLxH)		1500 x 5800 x 1400 mm.