



# Auric®

TECHNO SERVICES PVT. LTD.

## BELT FILTER PRESS

### MONOBELT

### Belt Filter Press For Sludge Dewatering

The patented Monobelt belt filter press is a completely novel design, different from any other “traditional” belt filter press on the market. The unit is a compact combination of two distinct and integrated units: a pre-thickener and a belt filter press system. The pre-thickener rotary drum with Archimedean screw inside, mounted on the top of the unit, performs the initial solid/liquid separation, with a significant reduction of the hydraulic load fed into the belt press. This important separation allows the unit to handle sludges having very low Suspended Solids concentrations (0.5 – 1%). At the exit of the MONOBELT, dependent upon the characteristics of the sludge, it is possible to reach Dry Solids concentration of 18% to 30%.

#### Salient features:

- No requirement of a sludge thickening tank, due to inbuilt sludge thickener
- The Belt used is endless (no joining zippers or clips, which are the typical critical points of most belt filter presses).
- MONOBELT units are supplied complete with water containment covers.
- Less number of Rollers as compared to other Belt Filter Press.
- Low Power requirement - Low Maintenance - Low Operating cost.
- More than 2000 units operational world over in the past 15 years.
- Comes along with integral backwash pump.



Model	NP06C	NP08C	NP12 C	NP126SC	NP15C	NP15-6DC	NP20-6DT	NP20-10ST	NP20-10DT
Belt Width (mm)	600	800	1200	1200	1500	1500	2000	2000	2000
Drum thickener (mm)	Ø 400x1	Ø 400x1	Ø 400x1	Ø 600x1	Ø 400x2	Ø 600x2	Ø 600x2	Ø 1000x2	Ø 1000x2
Max flow (m3/hr)	1-4	2-8	3-12	5-15	5-20	7-30	10-40	20-70	40-140
Belt Press (kW)	0.62	0.62	0.95	1.1	1.3	1.7	1.9	2.25	3.75
Wash Pump (kW)	2.2	2.2	2.2	2.2	3	3	3.7	3.7	4
Weight (Kg)	1350	1440	1620	1740	1980	2160	2600	3000	4000

\* Flow rate based on 200ppm solid loading. Flow rate may vary depending upon application and suspended solids in feed.

Our other products

