

# CONDOR®

## TAIL PLOW - INTERNAL BELT CLEANERS

**CONDOR TAIL PLOW** is an economical solution to prevent the material which is falling on the top surface of return belt, from entering between belt and the pulley.

Ideally installed on inner loop of the return side of conveyor belt before tail and take-up Pulley. The sturdy 200mm x 100mm size blade provides 50 mm wear life at service temperatures up to 180°C and belt speeds up to 7.5 m/sec.



### SALIENT FEATURES

- Choice of rubber and polyurethane blades to suit various temperature and belt speed.
- V Plow for uni directional and diagonal plows for reversible applications.
- Tensioning arrangement to ensure constant contact between cleaner blade and belt.
- Suitable for high speed and high tonnage belts.
- Can be customized to meet site requirement.



### SPECIFICATIONS

Cleaner	Application	Maximum Service Temperature	Maximum Belt Speed	Wear Life
V -TYPE	Unidirectional Belt	120 °C	7.5 M/s	50 mm
D - TYPE	Bidirectional	120 °C	7.5 M/s	50 mm

## DIMENSIONS

Belt Width (mm)	Blade Coverage (mm)	V Plow			D Plow			Hardness (Shore A)	
		Assembly P/N*	Blade Length (mm)	Spares P/N*	Assembly P/N*	Blade Length (mm)	Spares P/N*	PU	Rubber
500	600	TTV-0500-X-X	790	TTV-SP-0500-X-X	TTD-0500-X-X	850	TTD-SP-0500-X-X	80+/-5	60+/-5
650	750	TTV-0650-X-X	1010	TTV-SP-0650-X-X	TTD-0650-X-X	1060	TTD-SP-0650-X-X		
800	900	TTV-0800-X-X	1220	TTV-SP-0800-X-X	TTD-0800-X-X	1270	TTD-SP-0800-X-X		
1000	1100	TTV-1000-X-X	1500	TTV-SP-1000-X-X	TTD-1000-X-X	1560	TTD-SP-1000-X-X		
1200	1300	TTV-1200-X-X	1780	TTV-SP-1200-X-X	TTD-1200-X-X	1840	TTD-SP-1200-X-X		
1400	1500	TTV-1400-X-X	2070	TTV-SP-1400-X-X	TTD-1400-X-X	2120	TTD-SP-1400-X-X		
1600	1700	TTV-1600-X-X	2350	TTV-SP-1600-X-X	TTD-1600-X-X	2400	TTD-SP-1600-X-X		
1800	1800	TTV-1800-X-X	2630	TTV-SP-1800-X-X	TTD-1800-X-X	2690	TTD-SP-1800-X-X		
2000	2100	TTV-2000-X-X	2900	TTV-SP-2000-X-X	TTD-2000-X-X	2970	TTD-SP-2000-X-X		
2200	2300	TTV-2200-X-X	3200	TTV-SP-2200-X-X	TTD-2200-X-X	3250	TTD-SP-2200-X-X		
2400	2500	TTV-2400-X-X	3480	TTV-SP-2400-X-X	TTD-2400-X-X	3540	TTD-SP-2400-X-X		

\* Replace 1<sup>st</sup> X with R if operating temperature is <70° C & G if operating temperature is <70° C,  
Replace 2<sup>nd</sup> X with R or P for Blade material, Rubber or Polyurethane respectively.

THEJO offers a complete package including design, supply, consultancy, technical support, service back-up and maintenance to assure that our clients will obtain the best benefits at the lowest cost for any trouble shooting and improvement needed in the plant.

\* For more information please contact your nearest Thejo representative.