



TUNNEL AND DRILLING APPLICATION

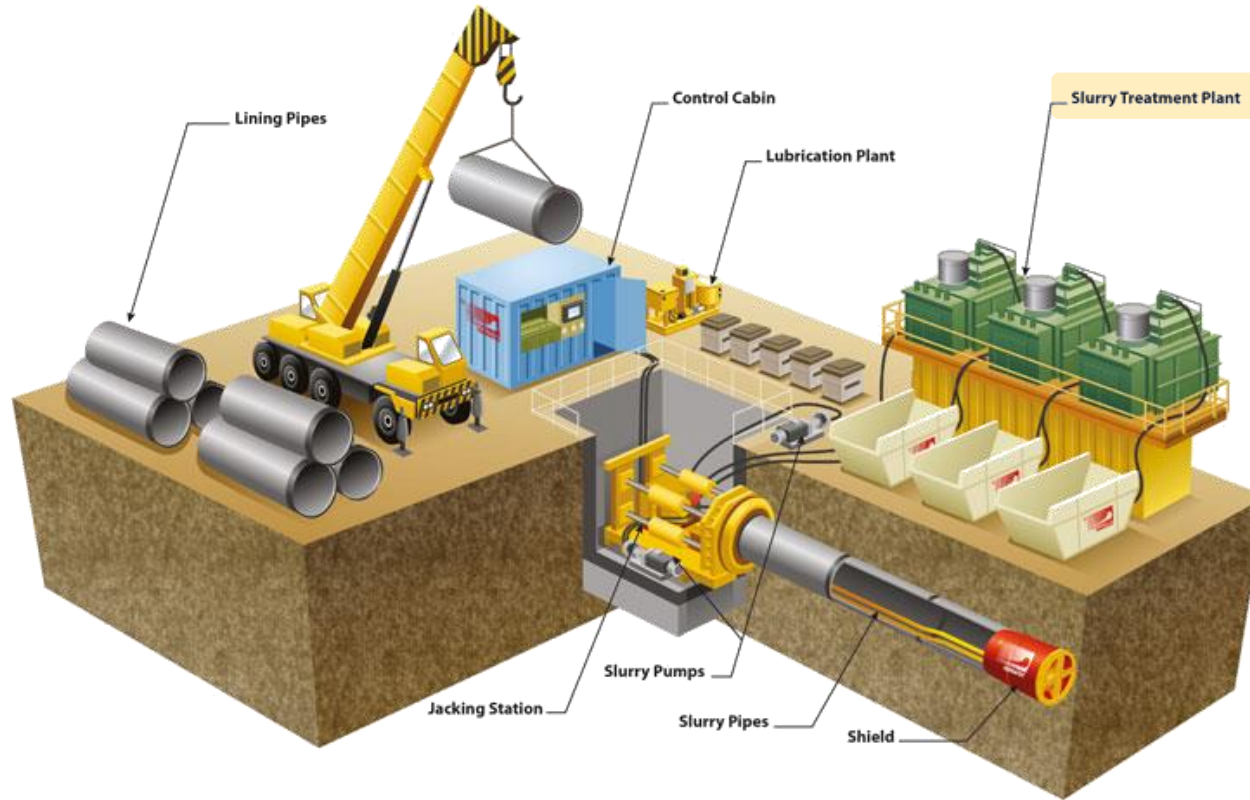
DECANTER CENTRIFUGE



POLAT DECANTER – Micro Tunnelling Application



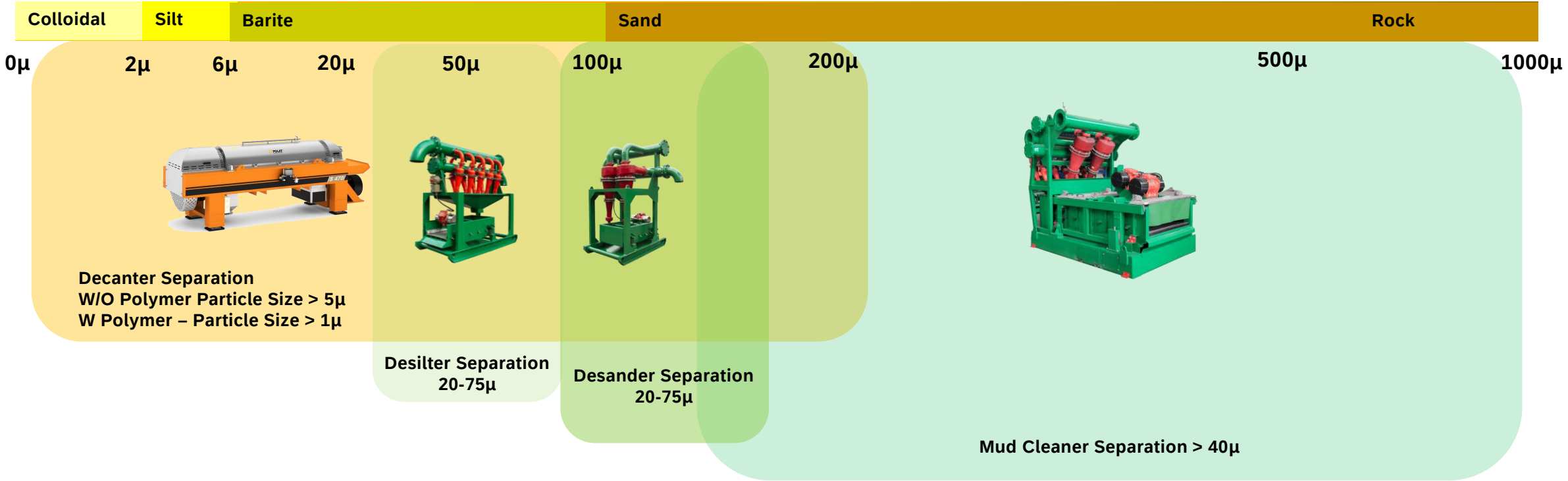
MICRO TUNNELLING TECHNOLOGIES



Drilling Sludge Treatment Equipments



Particle Size



POLAT DECANTER –Application Reference List



REFERANCES	DECANTER TYPE	MAIN APPLICATION
EDIL TUNNEL - ITALY	S670	DRILLING
SEMATAF - ITALY	S670	SOIL WASHING
EDIL TUNNEL - ITALY	S530	DRILLING
SUD NOLEGGI - ITALY	S470	DRILLING
DIEMME SOIL WASHING - ITALY	S350	SOIL WASHING
DIEMME SOIL WASHING - ITALY	S350	SOIL WASHING
TPAO – ADIYAMAN	S430 - ATEX	DRILLING MUD





A large industrial facility, likely a wastewater treatment plant, featuring blue and white modular structures, conveyor belts, and large green pipes in the foreground. The facility is composed of several interconnected units with blue metal frames and white panels. Two long, inclined conveyor belts are visible, transporting material between different levels of the structure. In the foreground, numerous large green pipes are laid out on the ground. The background shows a clear sky and some distant industrial buildings.



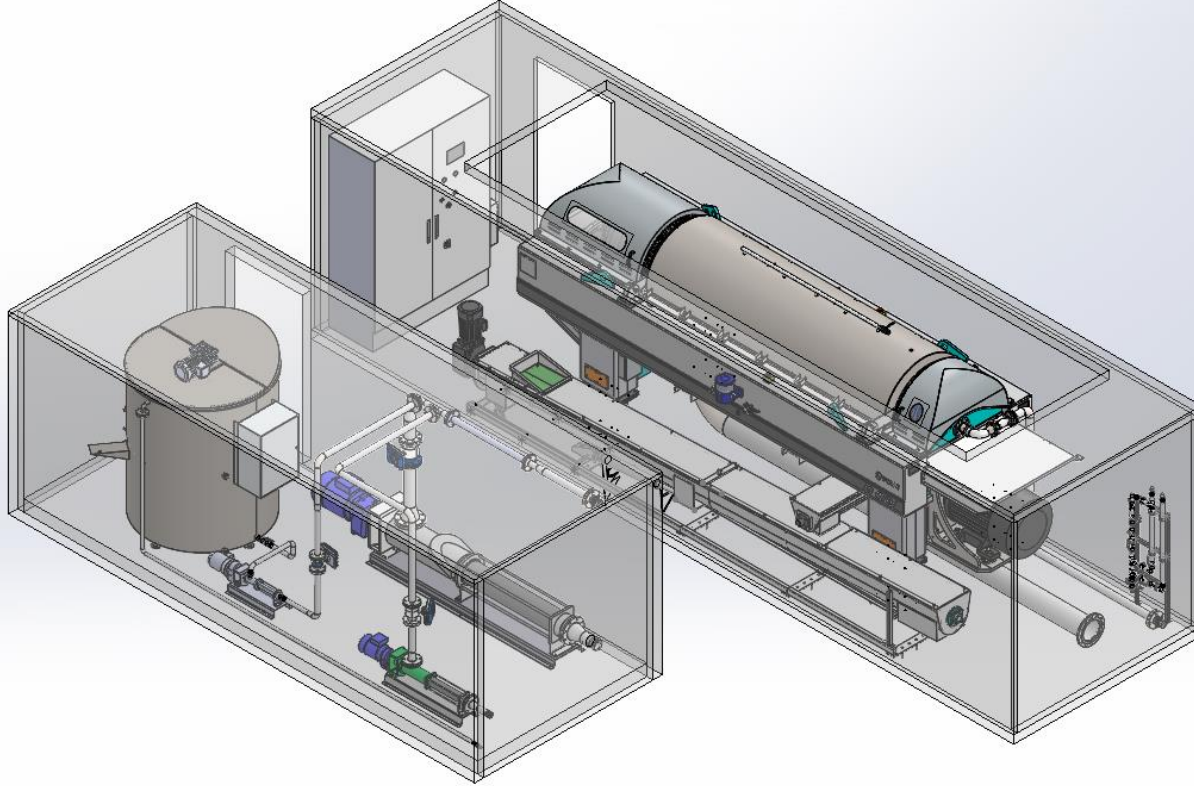
POLAT MAKİNA SAN ve TİC. A.Ş. Ata OSB Mah. Astım 1 Cad. No:6 EFELER / AYDIN
Şerifali Mah. Alptekin Cad. Söyleşi Sok. No:31 ÜMRANIYE / İSTANBUL
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POLAT DECANTER –Application Reference List



Complete Polat Unit S 670





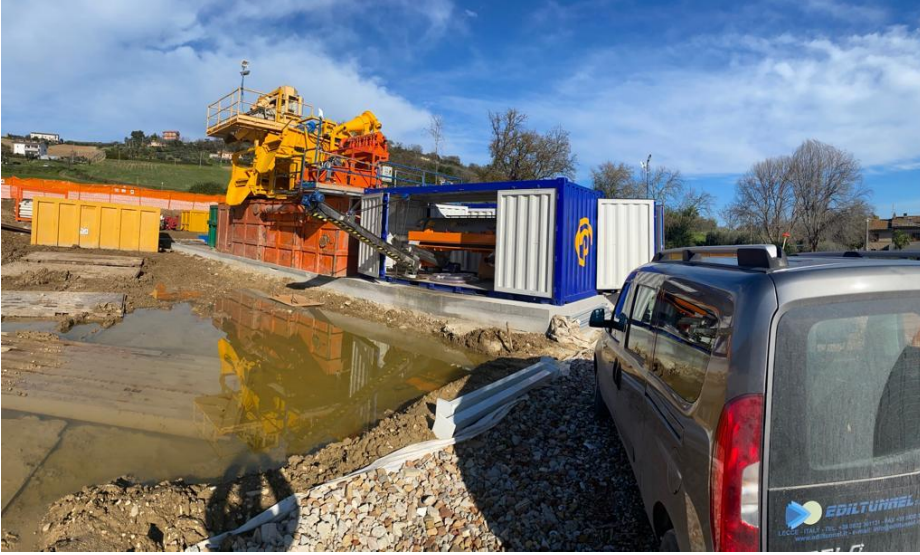
POLAT MAKİNA SAN ve TİC. A.Ş. Ata OSB Mah. Astım 1 Cad. No:6 EFELER / AYDIN
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POLAT DECANTER –Application Reference List



Complete Polat Unit S 470



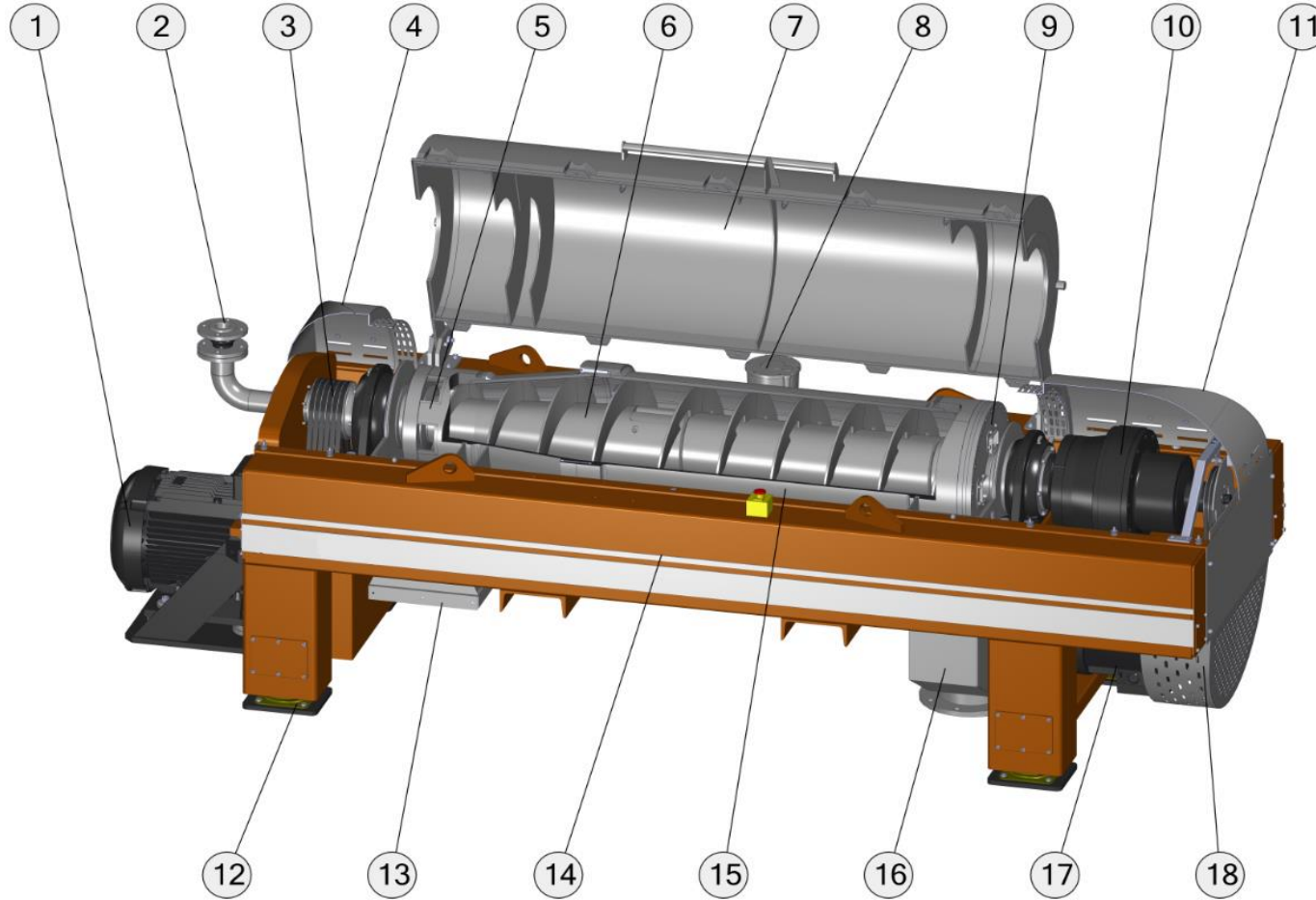
POLAT DECANTER –Application Reference List



TPAO
S 430 - ATEX



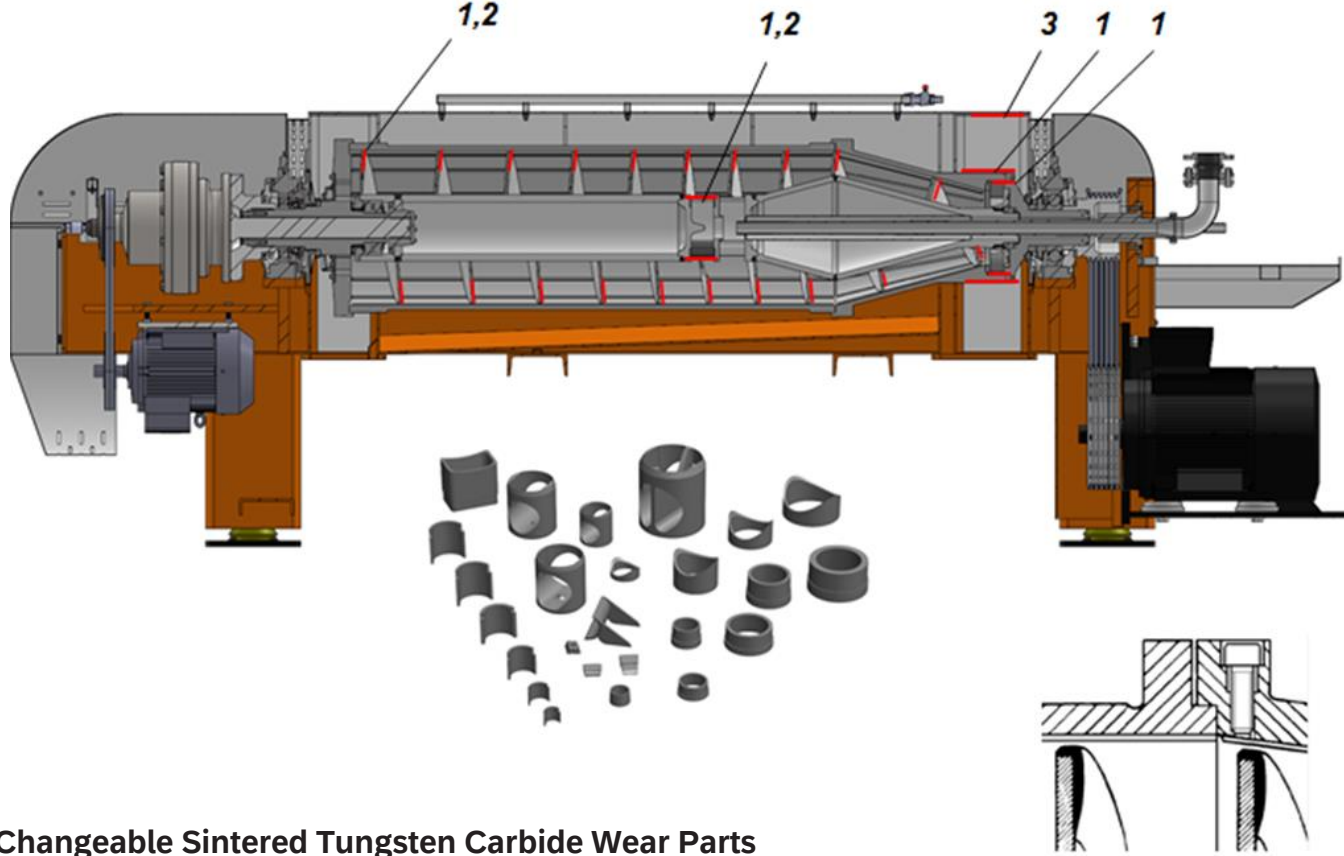
POLAT DECANTER – Main Parts



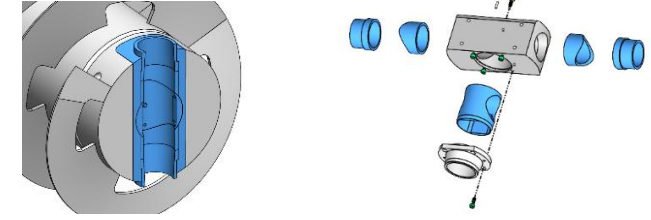
- 1-Main Motor
- 2-Feed Pipe
- 3-Main Drive Belts
- 4-Pulley Cover
- 5-Solid Outlet Ports
- 6-Scroll
- 7-Upper Casing
- 8-Lubrication Pump
- 9-Weir Plate
- 10-Gearbox
- 11-Gearbox Cover
- 12-Vibration Isolator
- 13-Solid Discharge
- 14-Frame
- 15-Bowl
- 16-Centrte Discharge
- 17-Second Motor
- 18-Pulley Cover



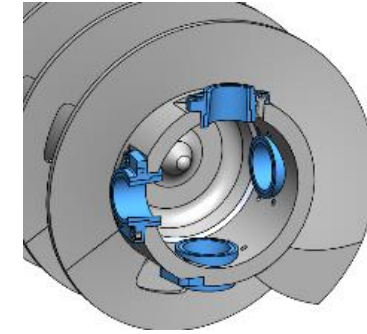
POLAT DECANTER – Wear Protection



- 1. Changeable Sintered Tungsten Carbide Wear Parts
- 2. Nickel Based Coating
- 3. Polyethylene Plate



Changeable Tungsten Carbide Bushes



Tiles, Ceramic Plate

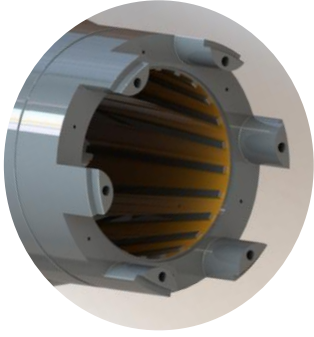


POLAT DECANTER – Wear Protection

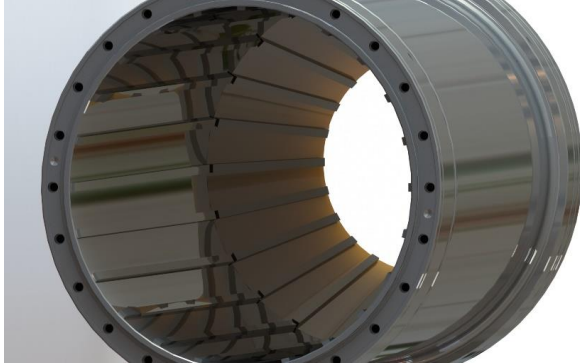


BOWL AND SOLID ROOM

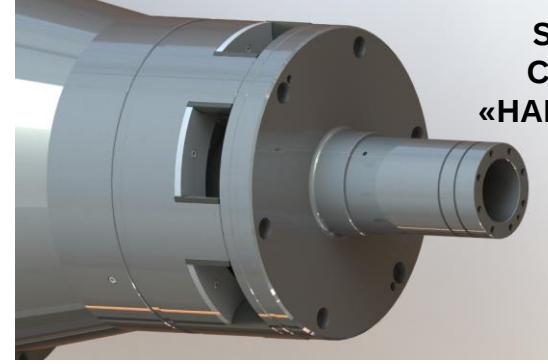
OUTLET WEAR RING



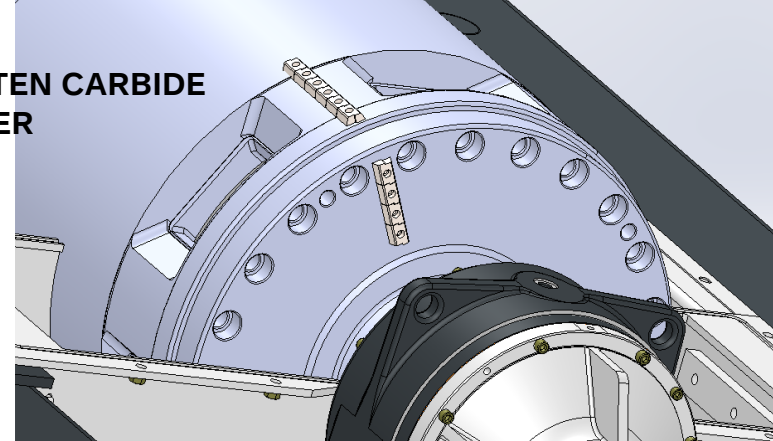
INTERNAL BOWL RIBBERS



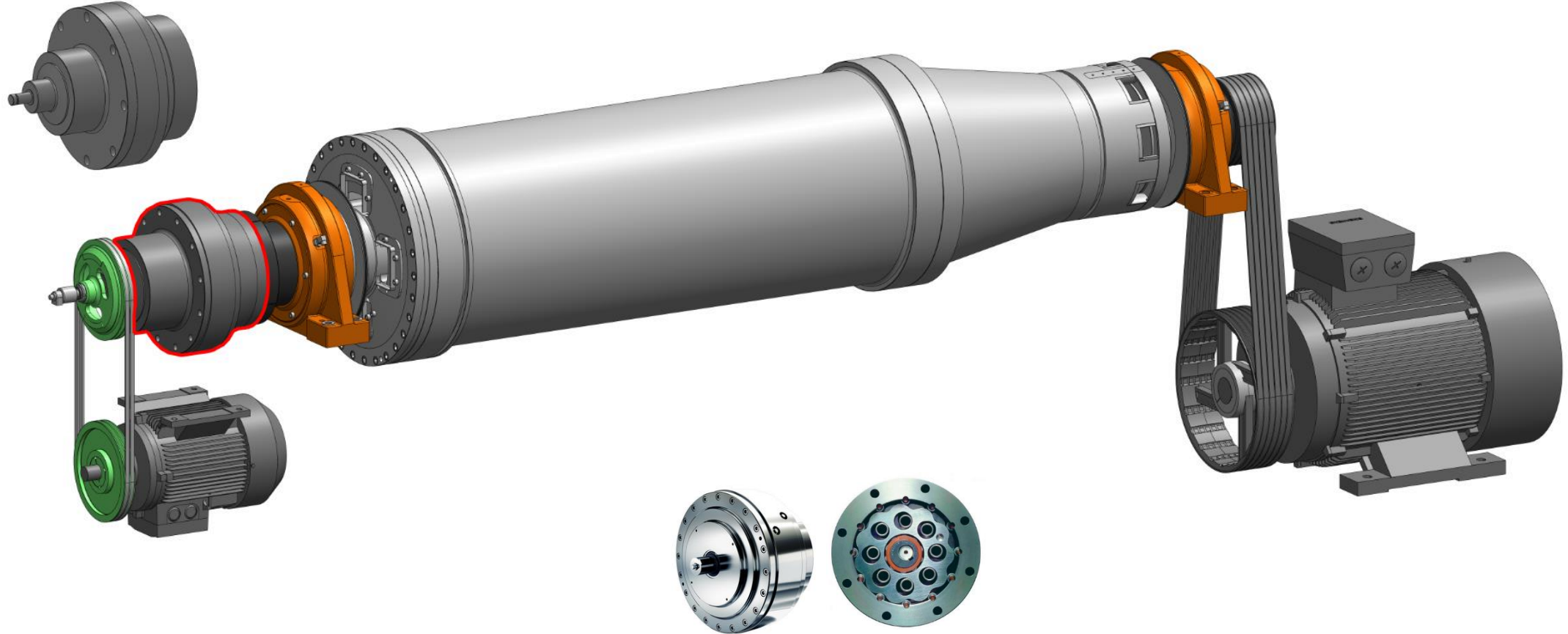
SINTERED TUNGSTEN CARBIDE REMOVABLE «HALF MOON» PROTECTION



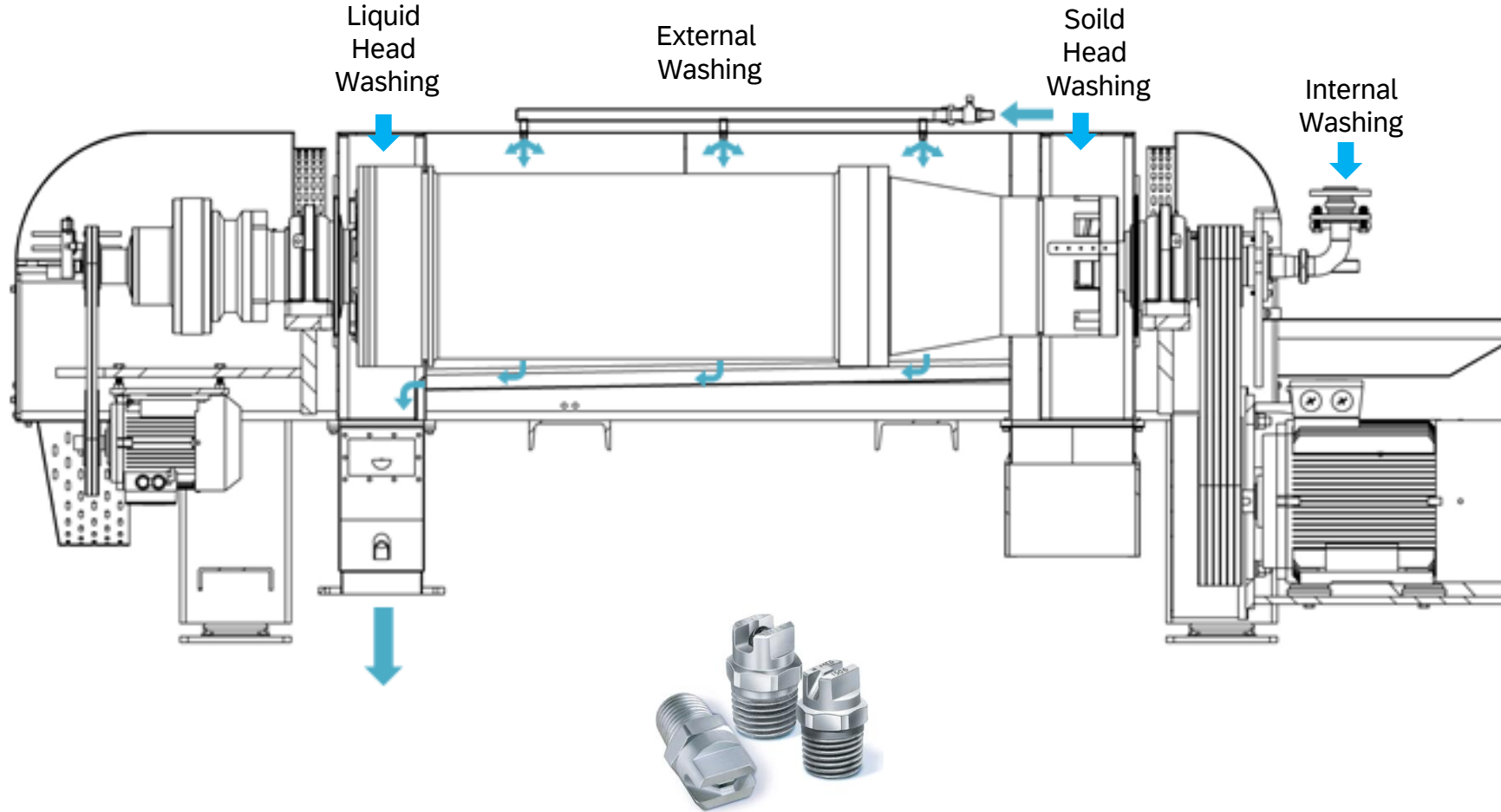
SINTERED TUNGSTEN CARBIDE SCRAPER



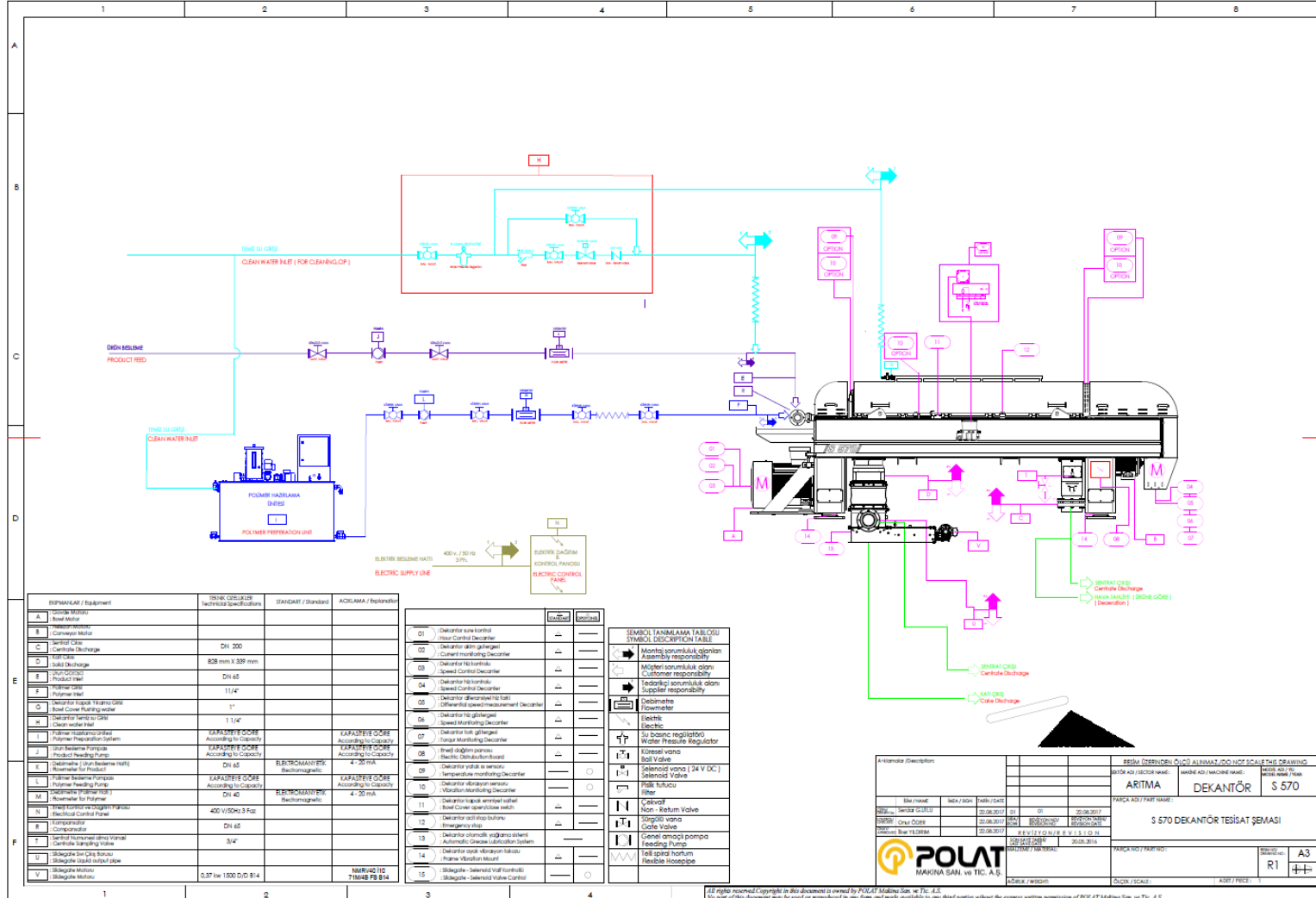
POLAT DECANTER – Drilling Application Special Gearbox



POLAT DECANTER – Washing and CIP Systems



POLAT DECANTER – Installation and P&ID

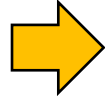


General Performance

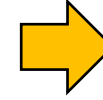


Inlet Product

15-20%DS



Cake Outlet > 60%



Liquid Outlet < 1%

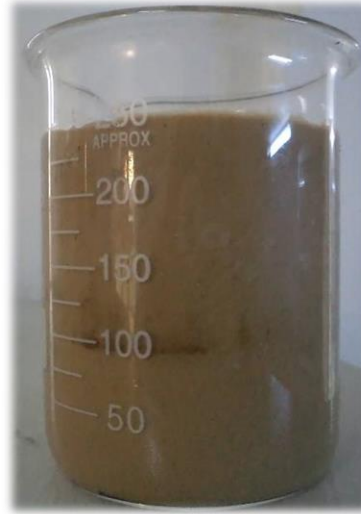
***Polymer Consumption 0,3-2kg/tDS**



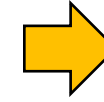
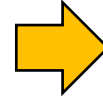
General Performance



Drilling Rig



Inlet Product
10-12%DS



Liquid Outlet < 0,5%DS



Cake Outlet > 55%DS



General Performance - Video



Polymer & Decanter Unit Video



Working Video



Parameters



