ROMAR® SS1000+

Highly Compact Swarf Handling Unit

The ROMAR® SS1000+ high capacity swarf handling unit is used for the removal of ferrous based (steel) swarf and debris from milling/drilling fluids during down-hole milling operations that have high pumping rates and generate large volumes of swarf.

The system is suitable for use in zone 1 areas and encompasses a two stage magnetic separation process and can be further enhanced to a three phase separation system with the addition of the Scalper unit.

Specifications

Ratings	ZONE 1
Liquid flow capability	1500 GPM [5675 LMP]
Swarf removal capability	2000 kg/hr
Dimension	1327 x 4500 x 1135mm (W x L x H)
Dimension c/w walkways	3327 x 4500 x 2135mm (W x L x H)
Gross transport weight	3500 kg
Gross transport weight frame	2000 kg
Operating weight	4900 kg
Deck loading (standalone)	821 kg/m2
Deck loading (mounted)	1041 kg/m2
Power requirements	1 x HPU
Tie-in points inlet	1 x 12" ANSI 150 Flange
Oulet	5 x 6" ANSI 150 Flange

Metal cuttings (Swarf) should be evenly distributed within the milling fluid, cuttings that tend to produce bird nests are not recommended. Fibrous fluid sweeps should be avoided as they tend to bind with the swarf debris which results in a solid mat at the surface inhibiting the surface equipment performance.