

# AMC SURFACE SRU™

# IMDEX™



**KG**

**4 500 Kg**

## ASIA PACIFIC

Perth, Australia (Head Office)  
+61 8 9445 4000  
Indonesia  
+61 (0) 21 759 11244

## AFRICA

South Africa  
+27 (11) 908 5595

## EUROPE

Germany  
+49 4402 6950-0  
Norway  
+47 72 87 01 01  
United Kingdom  
+44 (0) 1273 483 700

## SOUTH AMERICA

Argentina  
+54 9 261 211 3676  
Brazil  
+55 (47) 3404 5020  
Chile  
+56 (2) 2589 9300  
Peru / Ecuador  
+51 (1) 322 8850

## NORTH AMERICA

USA / Canada  
+801-364-0233  
Mexico  
+52 (871) 680 7146

support@imdexlimited.com

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## Description

The award-winning AMC Surface Solids Removal Unit™ (AMC Surface SRU™) is the ultimate drilling companion, enabling cost-effective, minimal impact drilling, even in the most restricted locations. The innovative closed-loop system eliminates the use of sumps and maintains drilling fluid at optimal performance, delivering maximum ROI, drastic water, mud and waste reductions and more.

## Application

The AMC Surface SRU works by circulating drilling fluid directly from the drill collar to be processed by the shaker and centrifuge, where drill solids are separated from the mud slurry and discharged via a waste chute. After being processed, cleaned drilling fluids flow into a tank for return to the drill rig. A conveniently positioned mixing system can be used to blend products into drilling fluids in this tank.

## Improving Efficiency & Productivity

The unit's high-speed decanting centrifuge is specifically adapted for diamond drilling, operating up to 3,000rpm, to remove solids to less than 5 microns and keep drilling fluid in excellent rheological condition.

By maintaining clean, non-abrasive mud, the AMC Surface SRU is able to increase "bit on bottom" time by 10%, reduce stuck pipe, wear and tear on drill components, and allow personnel to focus on productive drilling activities instead of mixing and monitoring mud systems.

**"The AMC Surface SRU™ provided considerable cost savings as excavation, drainage and rehabilitation were not required, and the unit returned a lot of the additives to drill circulation instead of being lost as sludge."**

Dr. Bryan Smith – Consultant Geologist

## Advantages

- Reduces water consumption mud usage and cartage costs
- Reduces wear and tear on drill components
- Eliminates the costs of digging sumps
- Improves on-site health and safety, reducing slips and hazards
- Increases productivity & KPIs
- Eliminates site re-mediation and environmental management costs
- Reduces site footprint
- Facilitates access to environmentally sensitive or remote drill sites
- Quick and easy installation.

## Dimensions

|        |          |
|--------|----------|
| Length | 6 200mm  |
| Width  | 2 500 mm |
| Height | 3 100 mm |
| Weight | 4 500kg  |

## Specifications

|                  |   |
|------------------|---|
| Centrifuge       | 220mm stainless steel bowl decanting centrifuge |
| Generator        | 25kVA 415V 50Hz                                 |
| Fuel             | Diesel  |
| Process capacity | 50 – 130L / min                                 |
| Placement method | Trailer or skid mounted                         |
| Pump             | Seepex BN10-6L                                  |
| Mixing system    | Venturi hopper                                  |
| Shaker           | One panel pre-tensioned (single deck)           |
| Tank Capacity    | 3,000L (approx.)                                |
| Trailer          | 2 axles, manual levering jacks                  |

Manufactured under a quality system certified as complying with ISO 9001 by an accredited certification body. Results may vary due to fluid properties and solids contents, please consult your nearest AMC technical specialist to achieve optimum performance.

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