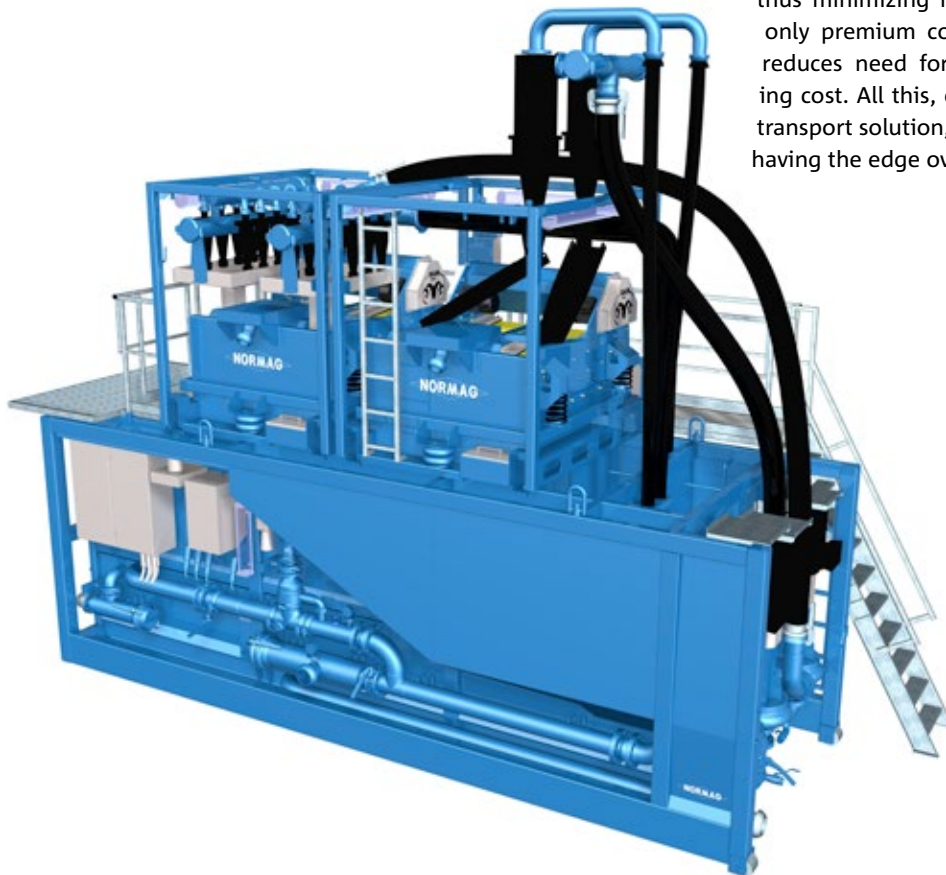


NMR 1500H NORMAG MIX & RECLAIM COMBO

Our vision is to design and produce high-end equipment for the trenchless technology industry which provides the customer the highest production rates at the lowest cost solution.

We design each individual installation as being part of the integral production process that drilling actually is, resulting in less operating actions thus minimizing need for human labour. Choosing only premium components of the highest quality reduces need for maintenance, repair and resulting cost. All this, combined with a keen economical transport solution, hands our customers the tools for having the edge over the competition at any job.



MIX & RECLAIM COMBO 1500 L/MIN - NMR 1500H

The 'Normag Mud Mix and ReClaim combo' is a very convenient, high performance, high safety level combo package. The light separation module(s), shipped inside the container, rule out the need for a heavy mobile crane thus minimising rig-up/-down time and cost. A simple but superb mixing venturi combined with a big active tank containing a heavy duty submerged agitator guarantees good mud properties in an instant. The added reclaimer function is based on the RAM Max series shaker combined with wear resistant circulation pumps and adequate cyclone separation capacity, this makes its capacity matching well to those needed by mid-size rigs. The sum of quality components, total functionality and safety make these packages set new insights and has already proven its worth on hdd job sites. These Normag packages keep-up serving you uncompromised performances during total drill. Fully in-house manufactured!

NORMAG[®]

www.normag.com

NORMAG MIX & RECLAIM COMBO NMR 1500H

Features NMR 1500H

- Short rig up/down time thanks to smart transport solution
- Shaker modules are held in the container's tank during transport, therefore only one transport is needed to move entire installation!
- Large active volume with heavy duty agitator
- Local controls on shaker modules make it an easy operated unit and requires only one operator for mixing, sampling and transferring mud
- Water inlet with strainer and automatic operated power connection and valve for submersible feed pump
- 'High level' cut off switch to feed pumps prevents nasty tank overflows
- Mix/Pre-pressure pump with in-house built, mud-mix venturi and bentonite suction system
- High-flow strainer on pre-pressure outlet
- All pumps can be blocked and drained for easy maintenance and operation in winter conditions
- Shock proof tube lighting (ip 68)
- Easy to clean



Technical Data

Rated flow	1.500 l/min (400 Gal/min)
Rated separation capacity	45 t/hr
Active volume	20 m ³ (710 ft ³)
Tank agitation	heavy duty submersible propeller mixer 4.0 kW (5.5 hp)
Mix/Transfer pump	Mission centrifugal with mechanical seal 37 kW (50 hp)
Process pumps	2x Mission centrifugal slurry with mechanical seal 30 kW (40 hp)
Cyclone assemblies	2x NOV 12" VAC and 16x NOV 4" desilters
Shakers	2x Normag 'Ram' series dual deck shaker with linear motion or VS-Drive™ shaker with pneumatic screen clamping system for super-fast screen changes
Line connections	Perrot/Kardan 4"-6"
Powered	400 V 600 A "Powerlock" connections
Construction type	Hook/cable loader container
Transport dimensions	7.3 x 2.5 x 2.7 m (23'11" x 8'2" x 8'10")
Transport weight	13.500 kg (29.800 lb)
Finish	Shot blast to bare metal, Epoxy-PU paint system coating

Options

Submersible feed pump - Tsurumi heavy duty 5.5 kW (7.4. hp)

Submersible pit pump - Tsurumi heavy duty slurry 6.0 kW (8.0 hp)

Power distributor - 230V 3x 16A / 400V 1x 16A & 1x 32A

Flood light on pole

Process pump upgrades - 37 kW (50 hp)

Executed as 24/30 ft. ISO container

Specifications subject to change without notice