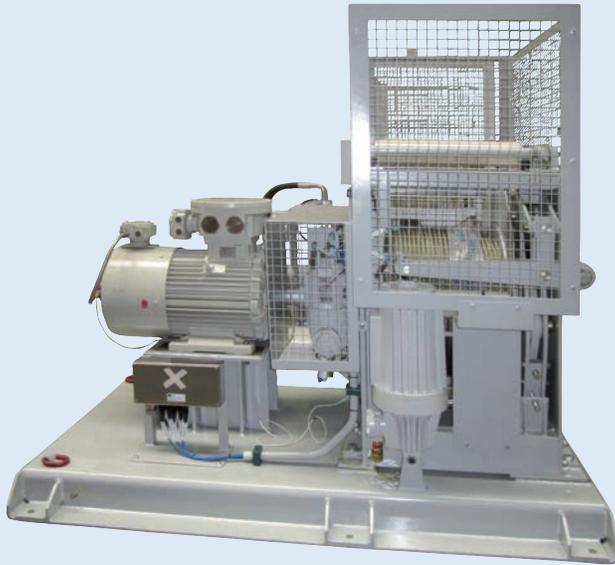




Specialist for Pumping Technology



DECOKING HOIST

HYDRAULIC DECOKING SYSTEMS

Standard components for the heavy-duty industry

Ruhrpumpen provides specially designed hoists for decoking services. Existing hydraulic hoists have been modified, electrical hoists have been developed according to ISO and API standards for heavy-duty service and Ruhrpumpen specifications.

Pull force and pull speed required for decoking service provide trouble free operation in conjunction with other RP Decoking components (Cutting Tool, Drill Stem Drive, Cross Head with Freefall Arrestor).

OPTIONS

RP provides various components to modernize your operation with Variable Frequency Drives (VFD) for electric hoists, Hydraulic Power Units (HPU) for hydraulic hoists, Drill Stem Drives (DSD) and Top Valves as well as a set of Pulley Blocks 24" diameter with instruments for hoist and tool control. Special maintenance components like Rope Spool Device could be supplied.

DESIGN

| | | |
|-------------------------|--|---|
| Hoist, Gear | ISO 4301/1, ISO14492-1, EN 130011, | 1986-06-15, 2nd edition 2007-02 2004 |
| Steel Wire Ropes | ANSI / API 9A API RP 9B, | 2004-02, 25th edition 2005, 12th edition |

OPERATION CONDITIONS

| | | | |
|----------------------------------|-------------|---|--------------|
| Pull Force max. hoist | 48 kN | / | 10,600 lbf |
| Pull Speed max. hoist | 72 m/min | / | 236 ft/min |
| Pull Force max. Crosshead | 192 kN | / | 42,400 lbf |
| Pull Speed max. Crosshead | 18 m/min | / | 59 ft/min |
| Rope Diameter | 16 to 18 mm | / | 5/8" to 3/4" |
| Power Requirement | 40 kW | / | 50 HP |
| Operation pressure hydr. | 200 bar | / | 3,000 psi |

FEATURES

| | |
|--------------------------|--|
| Heavy duty design | For decoking service |
| Brakes | 3 brake system motor / working / safety brake |
| Roller device | For rope pulling |
| Slack rope device | Spring loaded connected to PLC |

CERTIFICATES

| | |
|----------------------|---|
| ATEX, UL, CSA | For Class I Div. II C/D (US) / EEXnA (EU) |
|----------------------|---|

ADDITIONAL SERVICES

In addition of being able to provide hoists, our DCU Service and Repair Center located Houston, Texas, can provide parts and perform service for all of our existing equipment such as Combination Cutting Tools, Decoking Valves, Isolation Valves, Drill Stem Drives and Jet Pumps.

