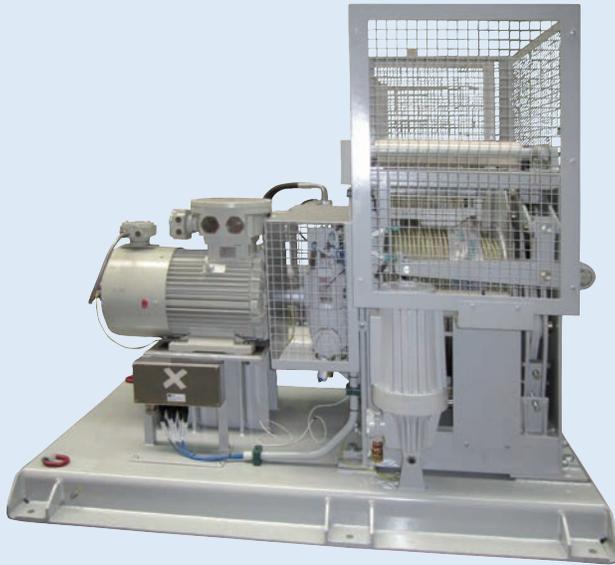




Specialist for Pumping Technology



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)
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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.

