MINT MECH SPECIALIST ENGINEERS

ARTICULATED HEADGEAR SYSTEM / AHS-400

Mobile headgear, no permanent headframe.

The AHS-400 is the dual-use model: material hoisting and man riding, shafts of 250 m+.

250 m+	4 t	1.8 t
SHAFT DEPTH	MAN RIDING WLL	GRAB WLL



01 HEADGEAR FRAME, RAISED



02 HOISTING WINCH

AHS-400 / DUAL USE

A grab and a man riding cage on the same machine. RCG-1000 grab, 1.8 t WLL. Cage sized to the shaft and the duty.

USES

Shaft sinking; material hoisting; man riding access; installing ladderways, pipework and ventilation; shaft clearance; emergency and temporary access.

01 / GRAB

RCG-1000 clamshell grab.

A surface-operated electro-hydraulic grab. Works submerged. The mast articulates to discharge to a skip.

02 / HOISTING AND CONVEYING

Winches sized to the duty.

Grabs, kibbles, skips and loads, from ladderways and pipework to ventilation and services.

03 / MAN RIDING (OPTION)

Duty and standby winches.

Duty and standby man riding winches, with a guarded cage sized to the shaft and interlocked shaft doors.

04 / NO PERMANENT HEADFRAME

Moves from shaft to shaft.

Bears on the shaft collar and relocates shaft to shaft.

CONFIGURED FOR THE DUTY

Material conveying only, man riding only, or dual use with a grab and a man riding cage on the same machine. An articulated mast positions the load over the shaft and slews to discharge spoil clear of it.

TECHNICAL SPECIFICATION

MINT MECH SPECIALIST ENGINEERS

AHS-400: hoisting and man riding.

Configuration	Mobile headgear, no permanent headframe, relocates shaft to shaft
Grab	RCG-1000 electro-hydraulic grab, 1.8 t WLL; mast articulates to discharge to skip
Access	Man riding cage sized to the shaft and the duty; duty and standby winches
Winches	2 × 4 t WLL, man riding rated
Man riding	4 t WLL including cage
Grab module	Integrated grab-mounted HPU
Shaft depth	250 m+
Power	55 kW HPU plus 11 kW backup
Standards	BS ISO 19426, CE marked
Safety	Fully guarded and interlocked
Transport	Road, or shipped in a 20 ft container

OPTIONS (ALL MODELS)

Road transport	Standard on most models, apart from XL and special units
Modular build	Every model, designed to be assembled and disassembled easily
Container shipping	Every model, disassembles to ship in containers
CE marking	Available
Man riding	Option: material-only, man riding or dual-use configurations
Set-up without a crane	Available
Grab camera and lighting	Option

CONFIGURATIONS

Material, man riding or both.

- **Dual use** - grab and cage on one machine.
- **Man riding** - guarded cage, interlocked doors.

MOBILITY

One system, several shafts.

- **Relocates** - from shaft to shaft on a site.
- **Set-up without a crane** - available.

Contact us

Send us the shaft depth, the loads and the duty.

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