HX **8 x 8 – EXCAVATOR**

HIGH MOBILITY MULTI-PURPOSE EXCAVATOR FOR ENGINEERING SUPPORT AND DISASTER RELIEF

EXCAVATOR UNIT – TYP UDS 214

- Unique design of the telescopic boom allows a horizontal reach of up to 14.6 m
- Universal working machine with a lifting capacity up to 7.5 tons
- Possibility to mount several working attachments – from bucket and hook up to hydraulic drum cutter
- Possibility of rotating the working attachments over the entire range of n x 360 degrees increases machine variability
- Possibility of using alternative fuels NATO F-34 and F-63
- Optional – Armoured excavator version with air conditioning. Protection acc. to STANAG.

PROTECTION

- RMMV HX offers a high level of protection against ballistic, mine and IED threats, when utilized with the Integrated Armoured Cabin (IAC)
- Equipped with modules and/or remote weapon station for self-protection
- Optional – Vehicle can be "fitted for but not with" the ability to take an Integrated Armoured Cabin (IAC)

MOBILITY

- RMMV HX 8 x 8 chassis offers outstanding cross-country mobility and reliability even in the harshest terrains
- Long driving distances for maximum flexibility
- RMMV HX 8 x 8 allows safe operation on public roads, rail and sea transportation as well as air transportation inside military aircrafts

LOGISTICS & COSTS

- High commonality of chassis within the RMMV HX truck family – more than 12,000 vehicles in operation worldwide
- High standardization of components, operating philosophy and training
- Worldwide logistic support based on the broad international dealer network of Rheinmetall and MAN with low Life-Cycle-Costs
- Tactical and logistical interoperability between all wheeled systems

RHEINMETALL MAN

GENERAL	
Dimensions [1,2]	
Wheelbase	1,800 + 3,875 + 1,500 mm
Overall length	11.50 m
Width	2,550 mm
Height	‹4 m
Weights [1]	
Mission weight (equipped)[1]	38 t

MOBILITY [1]	
Speed	90 km/h
Approach angle	37°
Departure angle	25°
Gradient	60%
Fording ability	up to 1.5 m
Temperature range	−32°C (C1) to +49°C (A1)

CABIN [1,2]	
Operators	up to 3 man crew
Roof with integrated air conditioning and observation hatch	
Ergonomic control layout and environment	
Adjustable and ergonomic high-comfort seats	
Universal mounting provisions for C4I integration	
Functional stowage facilities with a variable fixing system	

PROTECTION [2]
Integrated Armour Cabin (IAC) certified acc. to STANAG 4569
Optional with remote weapon station interface [1]
Optional with smoke protection system [1]
Optional with RPG protection system [1]

DRIVE TRAIN
Engine [2]
MAN D2676 Diesel engine
Emission standard Euro 5
397 kW (540 hp)
2500 Nm
Qualified for military fuel operation (F-34 & F-63)
Transmission [2]
Full automatic transmission ZF Ecolife 7-speed with torque converter and retarder
Transfer case [2]
MAN 2-speed transfer case with selectable all-wheel drive
Optional with neutral position and/or with permanent all-wheel drive performance [1]

RUNNING GEAR
Brakes [2]
MAN BrakeMatic® electronic brake system with ABS for off-road usage and hill-climbing brake
Axles [2]
Up to 11 t front axle load capacity
MAN planetary hub reduction axles with differential locks giving high ground clearance
Tyres [2]
395/85 R20 for high offroad capability and low cabin height
Snow chains for all tyre dimensions verified
Suspension [2]
Parabolic leaf springs with heavy-duty shock absorbers for high offroad capability and low cabin height

[1] *Depending on chassis configuration and equipment*

[2] *Other component options on request*

Rheinmetall MAN Military Vehicles GmbH
Dachauer Strasse 651 · 80995 Munich · Germany · www.rheinmetall-defence.com