

Physical Data

Weights Optional:	Trepanning Head	99 kg
	Hydraulic Hose Reel	45 kg
	Hydraulic Power Pack	143 kg
	Electronic Cable Reel	18 kg
	Electronic Controller	9 kg

Weight Packed:	Trepanning Head & Accessories in Transit Case 1	165 kg
	Hydraulic Hose Reel	45 kg
	Hydraulic Power Pack, free on wheels	143 kg
	Cable Reel and Electronic Remote Controller in Transit Case 2	43 kg

Dimensions Packed:	Length:	Width:	Height:	
	Transit Case 1	840 mm	510 mm	920 mm
	Hydraulic Hose Reel	600 mm	500 mm	500 mm
	Hydraulic Power Pack	1100 mm	850 mm	680 mm
	Transit Case 2	550 mm	500 mm	620 mm



Trepanning Machine

RE 22 TM-H



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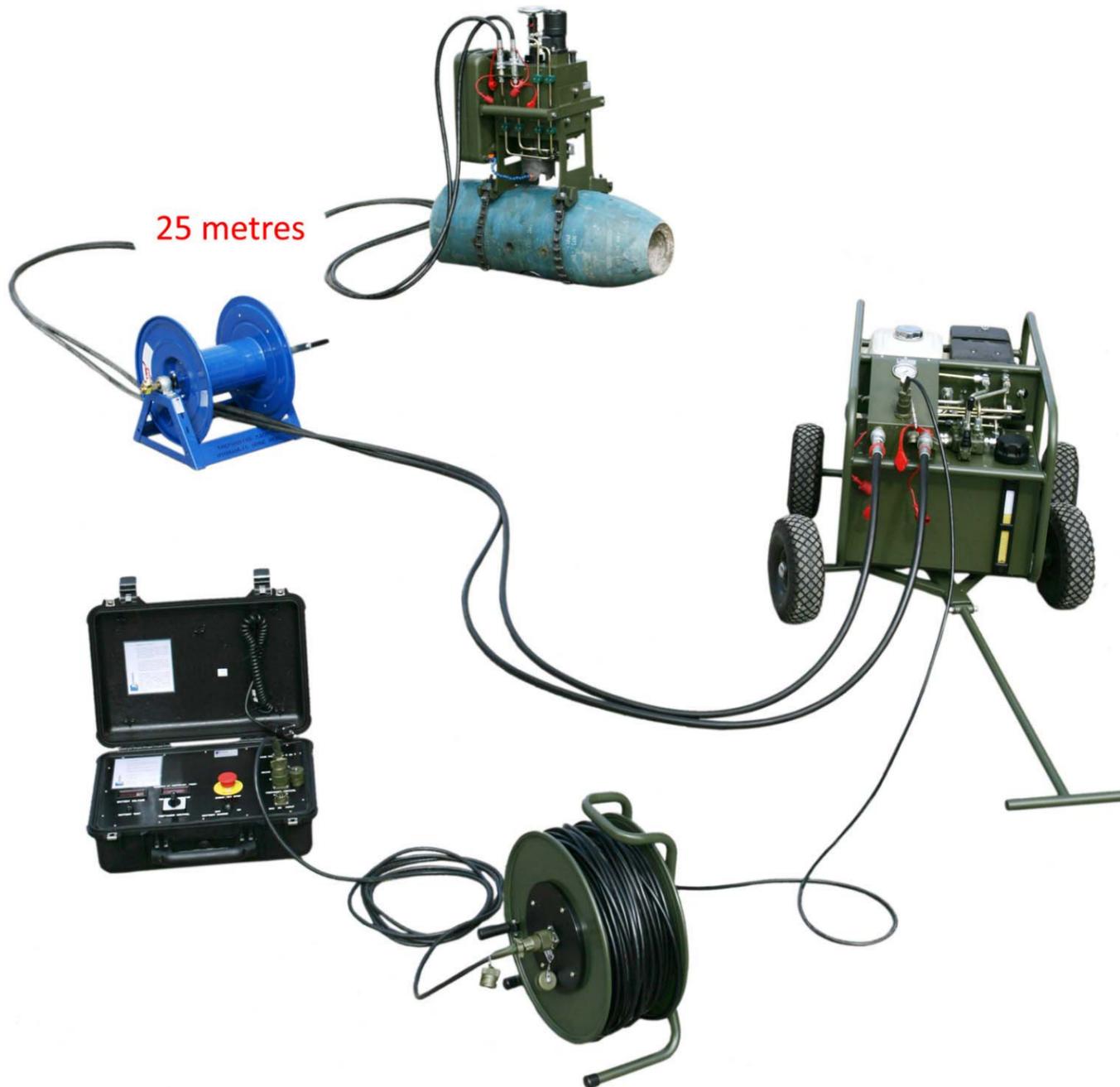
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The Trepanning Machine is designed to remove a core from the side wall of an unexploded bomb case so that the explosive contents can be steamed out and rendered harmless.

Complete equipment deployed



The equipment consists of:

Trepanning Head which features a hydraulically driven, automatically feeding gearbox, Arbor and Cutter and a 20 litre Lubricating Reservoir. The Trepanning Head can be mounted upon almost all potential unexploded bomb cases. It is held in position by two clamping chains fitted with tensioning links.

Heavy Duty two man portable Hose Reel containing two 25 metre long hydraulic hoses, fitted with two self-sealing, snap-on connectors.

Hydraulic Power Pack powered by a 12 HP petrol engine which drives a hydraulic pump. Incorporated into the power pack is a 35 litre oil tank fitted with level/temperature gauge. The hydraulic circuit is fitted with a high pressure filter with warning indicator for filter change. Featuring manual joystick control, speed control, Hydraulic Pressure Gauge, input socket for remote control and solenoid driven hydraulic valves. The Hydraulic Power Pack also features wheels and is four man portable.

Heavy duty one man portable Cable Reel featuring a 100 metre cable run socket and plug. The Cable Reel connects the Hydraulic Power Pack to the Electronic Remote Controller.

Electronic Remote Controller which permits the EOD operative to control the Hydraulic Power Pack and Trepanning Head from a safe distance, if required. The ERC features a control switch, an emergency stop button, a digital hydraulic pressure monitor, a battery test indicator, 24V battery pack and built in charger. The ERC can also be powered from an external source, either 220V or 24V DC

Two heavy duty Transit Cases which house all equipment excepting the Hydraulic Power Pack and Hose Reel.

