

EQUIPMENT SHEET

MERI-PEKKA
GRAB DREDGER / OFFSHORE PILE-DRIVER



CONSTRUCTION / CLASSIFICATION

Built by	Manitowoc Engineering Inc., USA Vesi-Pekka Oy, Finland, Savonvarvi Oy, Finland
Year of construction	1962
Refitted in	1972 / 1987 / 2004
Classification	Finnish Transport Safety Agency (TraFi)
Working area	Coastal Trading Area III
Port of registry	Helsinki, Finland
Owner	Terramare, Finland

FEATURES

Powerful grab dredger that can also be easily converted to act as an offshore piling rig.

MAIN DATA

Gross tonnage	552 GT
Length o.a.	45.7 m, measured 43.9 m
Breadth	18.5 m
Moulded depth	2.7 m
Draught	1.9 m
Crane	Liebherr HS 895 HD
Installed power	920 kW, total
Bucket sizes	8 m ³ , 11 m ³
Environmental grab	16 m ³
Dredging depth	40.0 m (more depth with special arrangement)
Water depth for spuds	27.0 / 34.0 m, max.
Equipment	DGPS/RTK positioning, AIS, deck crane

PILE-DRIVING UNIT

Length of leader	42.0 m
Hydraulic piling hammer	Junttan HHK 12 / 16S
Stroke length	1,500 mm
Ram weight	12 / 16 tons
Max. inclination, backward/forward	1:2.5 (20°)
Max pile sized	Ø 1,660 mm can be extended to 2,500 mm

