

JETTA 12

Dipper Dredger

Name : JETTA 12
 Type of vessel : Dipper Dredger / Backhoe Dredger
 Dredging depth : 12 m below water level (approx)
 Digging force : 40 ton (arm) + 51 ton (bucket)
 Port of Registry : Port Kelang
 Flag : Malaysia
 Official number : 327225
 Classification : Ships Classification Malaysia (SCM)

Barge Particulars

Length overall : 52.67 m (180 ft)
 Beam : 15.24 m (50 ft)
 Depth : 3.05 m (10 ft)
 Mean draught : 1.4 m, operating
 GRT / NRT : 135.95 / 44.46
 Year built, place : 1991, Singapore (reinforced Y2010)
 Deck load : 5 ~ 20 ton /m² depending on frames

Excavation Machinery

Make / Model : Hitachi EX1800-2
 Serial number : 182-00133
 Registration : AGD7563
 Main boom : 11.9 m
 Arm / Stick : 7.0 m
 Bucket size : 6 m³ (9.5 ton), width 2m
 Backhoe capacity : 5 ~ 14 m³ (PSCA heaped)
 Lifting capacity : 23 ~ 28 ton @ 10m radius (approx)
 Digging force : 40 ton (arm) + 51 ton (bucket)
 Dredge depth : 14.7 m below barge deck (max)
 Dumping height : 12.7 m above barge deck (max)
 Max reach : 21.8 m at deck level
 Weight excavator : 177 ton, operating
 Ground pressure : 17.4 ton /m² (171kPa, 24.7psi)
 Travel speed : 2.1 ~ 2.8 km/h
 Swing speed : 4.8 rpm

Main Engine

Make / Model : 2 x 436hp Cummins KTA19-C525
 Engine number : 37186308 + 37186309
 Power, net : 642 kW (872 hp) at 1,800 rpm
 Year made : 2005
 Fuel tank cap. : 2,350 litre
 Hydraulic system : 2,140 litre

Mooring System / Spuds

Combination of spuds and 4-point mooring winches
 Spuds : 3 nos. x 900 ~ 1,060mm OD x length 21 ~ 23m
 Winches : 2 unit double-drum winches, 10T capacity
 Wire : 22mm dia. x 150m c/w 4T anchors
 Service crane 40T to lift spuds



Specifications are given in good faith and are subject to change without notice.