



Rodson Universal

www.rodson.com

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Ref rf1004

Trailing Suction Hopper Dredger

YEAR:	2008
LOA/B/D:	110.0/20.8/8.5M
DWT:	9800T
DESIGN DRAFT:	6.30M
DREDGING DRAFT:	7.50M
DREDGING DEPTH:	30M
SUCTION PIPE POWER:	800
DISCHARGE PIPE POWER:	800
JET PUMP POWER:	700
MUD GATE AMOUNT:	14

PROPULSION SYSTEM

MAIN ENGINE:	GN 3820ZC6B * 1 SET, GN 3820ZC7B * 1 SET
TOTAL POWER:	3088KW
GENERATOR:	400 KW * 3 SETS + 90KW * 1 SET (EMERGENCY)
SPEED:	11KNOTS
NAVIGATION AREA:	A1+A2

DREDGING PUMPS

TWO SETS PUMPS ARE FITTED:	INBOARD PUMP AND SUBMERGED PUMP
ENGINE FOR DREDGER PUMP:	G8300ZC,1756KW@550RPM * 2 SETS

SUBMERGED PUMP AND INBOARD PUMP CAN BE OPERATED SERIALY OR INDEPENDENTLY, ACCORDING TO DIFFERENT DREDGING CONDITION.



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