



# HH 102 A&B

## RIG INFORMATION

Arverne Drilling HH 102 A&B are modern, highly mobile, trailer mounted, Hydraulic Hoist drilling rigs. The rigs offer a reduced footprint and visual impact, in addition to low noise level and improved safety through innovative pipe handling. The HH 102 rigs have drilled numerous wells including horizontal wells.

### MAST

TYPE	DRILLMEC Hydraulic
HEIGHT	max. 26,8 m from ground
MAX. HOOK LOAD	100 metric tonnes
MAX. PULL DOWN	20 metric tonnes

### SUBSTRUCTURE

TYPE	TRAILER MOUNTED SELF RAISING
CAPACITY	100 metric tonnes
CASING LOAD	100 metric tonnes
HEIGHT	5,5 m

### RIG POWER SYSTEM

GENERATOR	1 x 250 kVa
EMERGENCY GEN.	1 x 250 kVa
HPU	Drillmec 575 HP
PCR UNIT	400v V / 220 V / 50 Hz 2
ENGINE	caterpillar C15-540 HP

### TOP DRIVE SYSTEM

TYPE DRILLMEC	HT 120 D
CAPACITY	100 metric tonnes
MAX. TORQUE	26,035 ft-lbs / 3,530 daNm
MAX. SPEED	154 rpm

### BLOW OUT PREVENTION EQUIPMENT

ANNULAR BOP	11" or 13 5/8" 3000 psi
RAM BOP	11" or 13 5/8 " 3000 psi double
MANIFOLD	2"5000 psi

### MUD PUMPS

TYPE (TRIPLEX)	2 x DRILLMEC 7TS600
MAX INPUT POWER	2 x 600 HP
MAX FLOW RATE	2 x 1986 l/min

### MUD SYSTEM

ACTIVE TANKS	38 m <sup>3</sup>
RESERVE TANKS	64 m <sup>3</sup>
WATER TANKS	20 m <sup>3</sup>

- Agitators, Mixing skid with hoopers, Mud gas separator & vacuum degasser

### SOLID CONTROL SYSTEM

TYPE SHAKERS	2X Swaco shale shaker
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### ADDITIONAL EQUIPMENT

- 2000 m 4" DP (alt. 2000 m 3 1/2" DP)
- Casing make-up device, power long, auto-slips
- Automatic Driller with WOB or ROP controller
- Offices, crew cabins, workshops etc.
- Compressor unit, diesel fuel tank
- Surface eqpt (fire fighting, HP cleaning, etc.)
- Forklifts