



**AIR
DRILL**

SCHRAMM 685GC

HIGH CAPACITY GRADE CONTROL CRAWLER DRILL

- ◆ CATERPILLAR C18 ACERT, 630BHP
- ◆ 34,000KG PULLBACK CAPACITY
- ◆ 55°C AMBIENT COOLER
- ◆ LAZY SUSAN 7 ROD CAROUSEL
- ◆ CAT330L TRACK CARRIER

SCHRAMM 685GC



ENGINE

- MODEL: CATERPILLAR 3412E
- HORSE POWER: 750HP
- RPM: 1800
- FIRE SUPPRESSION

AIR AND MUD LINES

- RATED AT 1500PSI
- FULL LENGTH HOSE SOCKS ON HIGH PRESSURE AIR LINES

DIMENSION & WEIGHT

- OA LENGTH – TRANSPORT: 11,500MM
- OA WIDTH: 2,800MM
- OA HEIGHT – TRANSPORT: 4,600MM
- OA HEIGHT – MAST UP: 11,500MM
- WEIGHT: 45,000KGS

TRACKS

- MOUNTED ON CAT330L, CRAWLER TRACKS WITH WALKING BEAM FRAME

COMPRESSOR

- SULLAIR 20/12 STR (1050/500)
- VARIABLE INLET VALVE-SULLAIR, (BUTTERFLY)

MAST & FEED SYSTEM

- OPERATING ANGLE: 0 - 45° FROM VERTICAL
- MANUALLY LOCKS IN 5° INCREMENTS
- MAST SLIDE TRAVEL: 2,440MM
- HEAD TRAVEL: 9,100MM

- FEED CYLINDER: (2) 5" BORE X 2 1/2" ROD X 180" STROKE (127MM X 63MM X 4,572MM)
- TOP HEAD DRIVEN BY HYDRAULIC CYLINDERS THROUGH HEAVY ROLLER CHAIN
- PULLUP CAPACITY: 42,500KGS
- RAPID FEED SPEED: 50.9M/MIN
- PULLDOWN CAPACITY: 14,000KGS
- HYD TABLE: 4 1/2", 10" MAX

TOP HEAD ROTATION

- FLOATING SUB 3 1/2" API REG PIN TO 2 7/8" API IF PIN
- AIR DRILL ROTARY HEAD
- 2 x OMVW 500 MOTORS
- HD NYLON HEAD SLIDES

ROD HANDLING OPTION

- 7 ROD LAZY SUSAN CAROUSEL

JIB BOOM

- AIR DRILL JIB BOOM - EXPLORATION 500KG CAP.
- 1000M SURVEY WINCH

COOLING

- ALUMINIUM COOLERS
- DESIGN TEMPERATURE: 55°C AMBIENT

BREAKOUT

- AIR DRILL SINGLE BREAKOUT, 2-1/2" TO 5-1/2" RANGE
- 16,000 FT.LB TORQUE AVAILABLE

OUTRIGGERS

- DUAL FRONT AND BACK OUTRIGGERS

HYDRAULIC SYSTEM

- SIX HYDRAULIC PUMPS, TWO FIXED DISPLACEMENT TYPE AND FOUR VARIABLE VOLUME PISTON TYPE, PROVIDE HYDRAULIC POWER FOR ALL RIG FUNCTIONS. ALL HYDRAULIC CIRCUITS ARE FULLY FILTERED, PROTECTED BY RELIEF VALVES AND INCLUDE AN OIL COOLER.

WATER INJECTION

- CAT 2520 WATER INJECTION
- WATER TANK

LIGHTING & ELECTRICAL SYSTEM

- 3 X 60W MAST LIGHTS, 2 X CONTROL PANEL FLOOD LIGHTS, 3 X WORK AREA LIGHTS.

CABIN

- DRILLING CONTROLS IN CABIN
- HEATING AND AIR CONDITIONING
- ERGONOMIC LAYOUT
- WINDOW TINTING

OPTIONS

- ROPS/FOPS CABIN
- REVERSE CIRCULATION (RC) SYSTEM
- SAMPLING SYSTEM

SPECS ARE SUBJECT TO CHANGE WITHOUT NOTICE.



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