

OPERATING DIMENSIONS AND SPECIFICATIONS

MODEL HD1280

S/N 459 & 460

DIMENSIONAL INFORMATION

OVERALL HEIGHT	44'-0"	(13.411m)
OVERALL WIDTH	51'-10"	(15.799m)
INSIDE CLEAR WIDTH (LESS MANGUARDS)	39'-5"	(12.019m)
MAX. HOOK HEIGHT	36'-0"	(10.973m)
WHEEL BASE	20'-0"	(6.09m)
TREAD WIDTH	45'-0"	(13.716m)
LENGTH OVERALL	28'-8 1/4"	(8.744m)

POWER UNIT

ENGINE MANUFACTURER	CATERPILLAR
ENGINE MODEL	3208 NA
MAX. ENGINE OPERATING RPM (GOVERNED SPEED)	2600
BASE ENGINE HORSEPOWER RATING	178 @ 2800 RPM
PUMP DRIVE RATIO	1:1

TIRES

TIRE SIZE	16.00 x 25 24PR E-3
INFLATION PRESSURE (PNEUMATIC TIRES ONLY)	95 TO 100 PSI

OPERATIONAL PERFORMANCE

MACHINE CAPACITY	120,000 LBS.	(54.422m tons)
MAX. PROPEL SPEED	270fpm	(82.296 mpm)
MAX. GRADEABILITY @ CAPACITY PAYLOAD	4.7%	
MAX. HOIST CAPACITY	60,000 lbs. ea.	(27.223m tons ea)
MAX. HOIST SPEED	30fpm	(9.144 mpm)
HOIST SPEED @ CAPACITY	19fpm	(5.79 mpm)
TROLLEY TRANSVERSE SPEED	90fpm	(27.432 mpm)

CAPACITIES

FUEL TANK	78 U.S. Gal.	(295.23 liters)
HYDRAULIC RESERVOIR	65 U.S. Gal.	(246.03 liters)