

DX55R-7 Mini Excavator

Specifications for DX55R-7 Mini Excavator

Engine

RATED FLYWHEEL POWER (GROSS)	48.8 hp @ 2,200 rpm
RATED HORSE POWER (NET)	48.8 hp @ 2,200 rpm
MAX. TORQUE (NET)	--
ENGINE EMISSIONS TIER (EPA)	Tier 4

Hydraulic System

MAIN PUMP: DISPLACEMENT	3.84 in ³ /rev
CONTROL VALVE: RELIEF VALVE PRESSURE (NORMAL)	4,206 psi
CONTROL VALVE: RELIEF VALVE PRESSURE (BOOST)	3,046 psi
MAIN PUMP: MAX. FLOW RATE (EACH)	36.61 gal/min
MAIN PUMP: MAIN RELIEF PRESSURE	--

Undercarriage

UPPER ROLLERS: QUANTITY PER SIDE	1
LOWER ROLLERS: QUANTITY PER SIDE	4
TRACK LENGTH	8' 2"
TRACK LINK: TRACK GAUGE	5' 2"

Swing Mechanism

SWING PERFORMANCE: MAX SWING TORQUE	9982 lbf·ft
SWING PERFORMANCE: MAX SWING SPEED (AT EFFICIENCY)	9.8 rpm

Travel System/Drive Mechanism

TRAVEL PERFORMANCE: TRACTION FORCE (HIGHEST VALUE)	10,097 lbf
TRAVEL PERFORMANCE: TRAVELING SPEED - LOW (XXX/)	1.62 mph
TRAVEL PERFORMANCE: TRAVELING SPEED - HIGH (/XXX)	2.73 mph
TRAVEL PERFORMANCE: GRADEABILITY	35° @ 70 %

Weights

OPERATING WEIGHT	11,963 lb
STANDARD BOOM LENGTH	8.86 ft
STANDARD ARM LENGTH	5.25 ft
STANDARD BUCKET SIZE	0.21 yd ³
SHOE WIDTH	1' 3"

Dimensions

SHIPPING HEIGHT - HOSE (WITH ATTACHMENT)	8' 4"
SHIPPING LENGTH (WITHOUT ATTACHMENT)	17' 10"
SHIPPING WIDTH (STANDARD)	6' 5"
OVERALL HEIGHT OVER CAB	8' 4"

Working Range

MAX DIGGING REACH (GROUND)	19' 6"
MAX DIGGING DEPTH	11' 10"
MAX LOADING HEIGHT	12' 10"

Digging Force (ISO)

ARM DIGGING FORCE - PRESSURE UP	627.22 lbf
BUCKET DIGGING FORCE - PRESSURE UP	995.9 lbf
ARM DIGGING FORCE - NORMAL	6,151 lbf

Refill Capacities

FUEL TANK	20.61 gal
HYDRAULIC SYSTEM	27.74 gal

ENGINE COOLANT	2.85 gal
ENGINE OIL	2.43 gal
HYDRAULIC TANK	12.68 gal

Environment

NOISE LEVEL: GUARANTEED SOUND POWER LEVEL	97 dBA
NOISE LEVEL: OPERATOR	78 dBA

Lift Capacity

LIFTING CAPACITY OVER FRONT @ HORIZONTAL DISTANCE - 10 FT ABOVE GROUND	3,730 lb @ 15 ft
LIFTING CAPACITY OVER FRONT @ HORIZONTAL DISTANCE - GROUND LEVEL	6,130 lb @ 15 ft
LIFTING CAPACITY OVER FRONT @ HORIZONTAL DISTANCE - 10 FT BELOW GROUND	4,720 lb @ 15 ft

Attachments



[DITCH CLEANING BUCKET](#)



[HEAVY DUTY BUCKET](#)



[THUMB](#)

[View All](#)