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 in³/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

LOWER ROLLERS: QUANTITY PER SIDE

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

Traval	Systom	/Drivo	Mac	haniem
iravei	System	/ Drive	iviec	nanism

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 yd3

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 3,730 lb @ 15 ft

GROUND

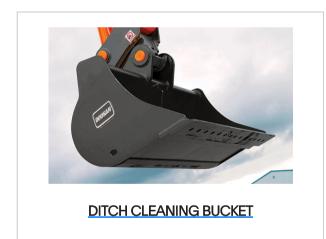
LIFTING CAPACITY OVER FRONT @ HORIZONTAL DISTANCE - GROUND 6,130 lb @ 15 ft

LEVEL

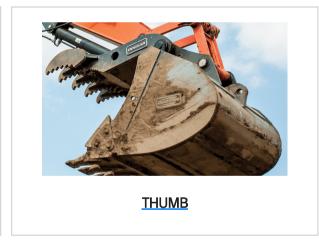
LIFTING CAPACITY OVER FRONT @ HORIZONTAL DISTANCE - 10 FT BELOW 4,720 lb @ 15 ft

GROUND

Attachments







View All