



**DIMENSIONS**

<b>A.</b> Overall operating height – with foundry/excavating bucket short lip	3.60
with low profile/standard lip bucket	3.73
with low profile extended / long lip bucket	3.86
<b>Height –</b>	
<b>B.</b> Bucket hinge pin	2.84
<b>C.</b> Top of ROPS	1.92
<b>D.</b> Bottom of level bucket, fully raised	2.68
<b>Overall length</b>	
<b>E.</b> without attachment with coupler	2.44
<b>F.</b> with foundry excavation bucket on ground	3.03
with low profile bucket	3.18
with low profile extended bucket	3.30
<b>G.</b> Dump angle	48.2°
<b>H.</b> Dump height – with foundry/excavating bucket short lip	2.25
with low profile/standard lip bucket	2.15
<b>J.</b> Dump reach (max. height)	0.47
<b>Maximum attachment rollback –</b>	
<b>K.</b> Bucket on ground	26.1°
<b>L.</b> Bucket at full height	95.2°
<b>M.</b> Wheelbase	0.94
<b>P.</b> Ground clearance (bottom of belly pan)	0.18
<b>Q.</b> Angle of departure	22°
<b>Clearance circle –</b>	
<b>R.</b> without bucket	1.24
<b>S.</b> with 60-in (1.52 m) foundry bucket in carry position	1.92
with 60-in (1.52 m) inch low profile bucket on ground	1.99
with 60-in (1.52 m) inch extended low profile on ground	2.11
<b>T.</b> Clearance circle rear	1.43
<b>U.</b> Rear axle to bumper	0.86
<b>V.</b> Tread width with spec tyres	1.25
<b>W.</b> Over the tyre width with spec tyres	1.52

\*All dimensions are in meters

**PERFORMANCE SPECS**

Rated operating load –	590 kg
Tipping load	1179 kg
Breakout forces –	
Lift cylinder	19 kN
Bucket cylinder	18.5 kN
<b>Cycle times – (seconds)</b>	
Raise	3.4
Lower	2.1
Dump	1.9
Roll back	1.3

**STANDARD BUCKET**

Type	Width (m)	Weight (kg)	Heaped Capacity (m³)
Dirt & Foundry	1.5	122	0.33

**CASE**  
CONSTRUCTION

**CASE SR130**  
SKID STEER LOADER



*The strength to perform*

For further information, contact:



**CASE NEW HOLLAND CONSTRUCTION EQUIPMENT (INDIA) PRIVATE LIMITED**  
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Authorised Dealer

SR130-0174

**CASE**  
CONSTRUCTION

**ENGINE**

Model	ISM NB44-LF
Type	4-stroke, naturally aspirated
Cylinder	4
Bore/stroke	84 x 100 mm
Displacement	2.2 L
Fuel injection	Indirect
Fuel	High Speed diesel (HSD)
Fuel filter	In-line strainer
Air intake	Naturally aspirated w/ Internal EGR
Cooling	Liquid
<b>Engine speeds</b>	
High idle – no load (rpm)	2825 +/- 25
Rated – full load (rpm)	2800
Low idle (rpm)	1200 +/- 50
<b>Horsepower per SAE J1349</b>	
Gross	48.8 hp (36.4 kW) @ 2800 rpm
Net	45.8 hp (34.1 kW) @ 2800 rpm
Peak torque	155.5 lb.ft. (143 N.m) @ 1800



Better visibility

**STANDARD TYRE**

	Size inch	Tread Width inch (mm)	Width Over Tyres inch (mm)
Heavy-Duty	10 x 16.5	49 (1248)	59 (1517)

\*Tyre weight does not include the wheel weight

**POWERTRAIN**

Drive pump – Mechanical	Individual pumps for LH and RH
Pump to engine ratio	1:1
Displacement	35 cc
Flow at rated engine rpm	102 L/min
@ 100% efficiency	Bi-directional
Flow	Charge pressure
System relief	25 bar
Control	345 bar
Direct Mechanical	
Drive motors	Fixed displacement radial piston
Max. displacement	325 cc
Speed @ rated engine rpm	313
Torque @ max. displacement and relief pressure	1784 N.m
Travel speed –	11.5 kmph
Final drive	Single-reduction chain drive
Drive chain –	ASA #60
Size	93.4 kN
Tensile strength	
Axles	One-piece, forged induction-hardened high carbon steel
Torque @ max. displacement and relief pressure	6600 N.m
Diameter	50.8 mm
Length	346 mm
Parking Brake	Spring-applied, hydraulic release disc
Engagement	Depress on/off brake button on handle or instrument panel, raise seat bar, get off seat, or stop engine

**ELECTRICAL SYSTEM**

Alternator	120 amp
Starter	2.0 kW
Battery	12-volt/low-maintenance 1000 CCA @ 0° F (-18° C)



Spacious cabin

**ENGINE COOLING**

Radiator –	All aluminum
Core type	0.226 m²
Core size area	43
Rows of tubes	16 +/- 2 psi
Clog pressure	
Fan –	
Diameter	450 mm
Ratio	0.89:1
Water pump	Centrifugal
Style	71.9 L/min
Flow	
Engine lubrication	
Pump	Pressure feed with Trichoid pump
Pump operating angle ratings	
Side to Side	35°
Bucket Up	35°
Bucket Down	35°
Oil filtration	Replaceable, full-flow cartridge

**HYDRAULIC SYSTEM**

Standard equipment pump –	Gear
Type	20.4 cc
Displacement	
Pump flow @ rated engine rpm	59 L/min
@ 100 % efficiency	
Loader control valve	3 Spool / Open Center / Series
Relief pressure	207 Bar
Hydraulic lines –	
Tubing 37° JIC Fite	
Loop hoses SAE 100 R13	
Hydraulic oil cooler –	
Number of tubes	9
Area	775.5 cm²
Hydraulic filter 6 micron / Spin on type	

**INSTRUMENTATION**

Indicators	Digital Hourmeter
Fuel level/LCD bar graph with alarm	
Warning lights with alarms	Engine coolant temperature
Engine oil pressure	Engine Malfunction
Hydraulic charge pressure	Hydraulic filter restriction
Hydraulic oil temperature	
Warning alarms	Battery voltage (plus display)
Indicator light	Engine preheat
Engine preheat	Parking brake
Parking brake	
Seat bar reminder	



Connection for auxiliary attachment

**WEIGHTS**

Unit equipped with 10.00 x 16.5 Galaxy Buggy Baby B tires, 1.5 m foundry/excavating bucket, mechanical attachment coupler, full fuel tank and 75 kg operator	2270 kg
Shipping weight	2130 kg

**SERVICE CAPACITIES**

Fuel tank	60.5 L
Engine oil with filter	7.5 L
Hydraulic system – Reservoir	15.13 L
Chain tanks (per side)	6.3 L



Easy accessibility

**STANDARD EQUIPMENT**

ROPS/FOPS level 1 canopy with side screens
Control lockout system
Tilt ROPS/FOPS
Rear window with emergency escape
Instrument panels
2 in (51 mm) retractable seat belt
Hand throttle
Foot throttle
Alarm package
Headliner
Top window
Cup holder
Power plug socket
Foot rest
Storage tray
Low effort ergonomic hand controls
Padded seat bar with integral armrests
Loader control lockout system
Electric parking brake control
Floor cleanout panel

**LOADER**

Radial loader arm design
Mechanical attachment coupler
Loader lift arm support strut
Loader lift lockout system
Loader lift lockout override
3-spool loader control valve
Heavy-duty oil cooler
Loader arm float position
<b>ENGINE</b>
ISM NB44 / M3 diesel
Integral engine oil cooling
Fuel filter with water trap
Dual element air cleaner
Headliner
120 amp alternator
1000 CCA 12-volt battery
Glow plug
Over & under radiator and oil cooler
Spark arresting muffler
<b>POWERTRAIN</b>
Hydrostatic four wheel drive
ASA 880K6 drive chain
SAHR disc parking brakes

**HYDRAULICS**

Hydraulic circuit pedal lock
Loader arm-mounted ISO flat face connectors
Auxiliary function lockout override
Loader lift lockout system
Loader lift lockout override
3-spool loader control valve
Heavy-duty oil cooler
Loader arm float position