



S-3216 SUPER

Innovative Design • Unique Technology

S-3216 SUPER BHL - BACKHOE LOADER

Powerful, Reliable
& Economical

KIRLOSKAR
ENGINE

CARRARO
TRANSMISSION



Global Dealer Network, Complete Customer Satisfaction.

S-3216 SUPER BHL

PRIME MOVER

ENGINE	: KIRLOSKAR 4R810NA2 Four Cylinder Water Cooled Diesel Engine, BS III.	
	: Max. Engine Output	36.4 kw, (49.5 mhp) @ 2200 RPM.
	: Max. Torque	203 nm @1400 RPM.
TRANSMISSION	: CARRARO 2W.D Synchroshuttle transmission with integral torque convertor.	
AXLE	: Front Axle - Steer axle with 16° oscillation for Max. Ground contact.	
	: Rear Axle - Carraro Drive Axle, Rigid Type.	
HYDRAULICS	: Independent Hydraulic Operating System. Pump Flow Capacity - 37 cc/rev.	
STEERING	: Power Steering	
BRAKES	: Disc Type Oil Submerged.	
REFILL CAPACITY	Hydraulic Tank : 75 Ltr. @ 1500 hrs.	Engine Oil : 8 Ltr. @ 500 hrs.
	Transmission : 16 Ltr. @ 1000 hrs.	Fuel Tank : 75 Ltr.
	Rear Axle : 14.5+1.5+1.5 @ 1000 hrs.	

ELECTRICAL SYSTEM : 12V System, 88 AH Rating.

SPEED (km/hr)	: Gear	: 1 st	2 nd	3 rd	4 th
	: Forward / Reverse	: 5.4	8.7	19.6	38

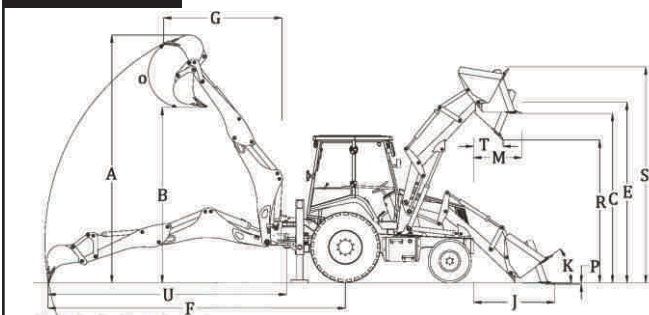
TYRE (Heavy Duty) : Front : 8.25 x 16 - 16 PR. • Rear : 16.9 x 28 - 12 PR.

TURNING RADIUS : Minimum Turning Circle : 9.85 m • Maximum Clearance Circle : 12.6 m

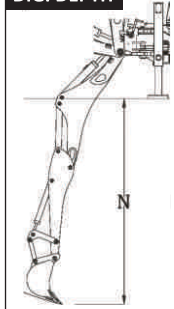
DELUXE CABIN : Fully adjustable revolving seat for full comfort, long and productive working conditions. Wiper, Toolbox, Two large rear view mirror, Attractive Dashboard.

GROSS WEIGHT : 5650 kg (Backhoe Loader with Standard Bucket)

STATIC DIMENSION



DIG. DEPTH



LOADER

(m/ft-in)

S	Max. Operating Height	4.39/14'5"
E	Pin Height	3.63/11'11"
C	Load Over Height	3.43/11'3"
R	Dump Height	2.97/9'9"
J	Reach At Ground	1.66/5'5"
M	Reach at 45° Dump	0.90/2'11"
T	Reach at Full Dump	0.58/1'11"
P	Dig Depth	0.10/0.4"
K	Roll Back At Ground	46°
D	Dump Angle	45°
	Shovel Breakout Force	4980 kgf
	Loader Arm Breakout Force	3410 kgf
	Rated Capacity Std. Bucket	0.80 m ³
	Safe Working Load	1200 kg.

BACKHOE

(m/ft-in)

A	Max. Operating Height	5.65/18'6"
B	Max. Load Over Height	3.96/13'
N	Max. Digging Depth	3.87/12'7"
U	Reach - Ground Level To Slew Center	5.22/17'1"
F	Reach - Ground Level To Rear Wheel Center	6.54/21'5"
G	Reach At Full Height To Slew Center	2.59/8'5"
O	Bucket Working Angle	185°
	Slew Working Angle	165°
	King Post Travel	0.880/2'9"
	Bucket Tear Out Force @2808 psi	4719 kgf
	Dipper Tear Out Force @2808 psi	2331 kgf
	Bucket Rated Capacity	0.20 m ³
	(As Per Standard SAE J742 B)	

BUCKET OPTIONS



6 - IN - 1 BUCKET

Dump Height : 11' 3"
Rated Bucket : 0.70 m³
Capacity

Heavy Duty Backhoe



All information are of general nature only (Variable ± 5%). We reserve the right to change any specification without any prior notice.



SEC-RJMT ENGINEERING PVT. LTD.

Plot No. 2, Pyala Road, Opp. - Shiv Mandir, Vill. Seekri, Mathura Road
Ballabgarh - 121004. Faridabad. (HR.)

Auth. Dealer Stamp



RJMT
LOADERS-BACKHOES-GRADERS

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: Max. Torque 203 nm @1400 RPM.

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S-3216 SUPER L - LOADER

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(m/ft-in)

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Safe Working Load 1200 kg.

BACKHOE

(m/ft-in)

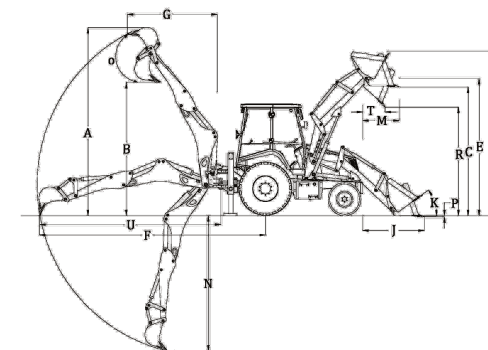
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G Reach At Full Height To Slew Center 2.62/8'7"
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Slew Working Angle 165°
King Post Travel 0.730/2'6"
Bucket Tear Out Force 4893 kgf
Dipper Tear Out Force 2172 kgf
Bucket Rated Capacity (As Per Standard SAE J742 B) 0.20 m³

STATIC DIMENSION

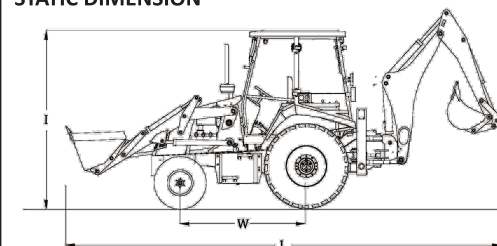
(m/ft-in)

L Overall Length 7.35/24'1"
H Height 3.27/10'9"
I Height To Top of Cab 2.9/9'6"
W Wheel Base 2.15/7'1"
X Rear Track 1.59/5'3"
Y Front Track 1.65/5'5"
Z Overall Width 2.01/6'7"

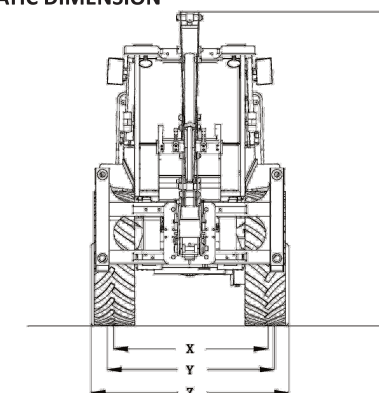
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