



With Grabbing Fork/Bucket Handling Coil



With Booster Bucket Loading Full Body Truck



With HDHV Grabbing Fork Bucket Handling Paper Bale

The Real SMART Machine

40 types of application specific quick interchangeable loader bucket options



- > Less in Investment
- > High on Performance
- > More in Earnings
- > Nationwide extensive sales & service network

ENGINE : Kirloskar 4R 810T, Turbo charged BS-III diesel engine 44.8KW (60 HP) at 2400 rpm.

TRANSMISSION : CARRARO Synchroshuttle transmission with integral torque convertor. after transmission kindly add

DRIVE : 2WD & 4WD options available

STEERING : Power steering.

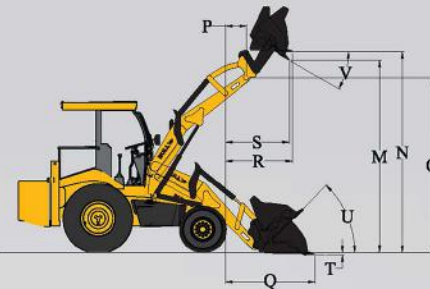
ELECTRICALS : 12 V battery system.

TYRES : FRONT / 2WD : 9.00 X 16 -16PR
/ 4WD : 12.5/80 X 18-12PR
REAR (2WD/4WD) : 14.00X24-16/20 PR

SPEED : Forward max 29 to 30 km / Hr
Reverse max 9.3 km / Hr

HYDRAULICS : **SMART** technology hydraulics : 2900 p.s.i (200bar)
Pump flow : 120 lpm @ 2400rpm.

WEIGHT : 6720 Kgs with Standard bucket option.



BULL SMART Loader with Standard bucket

Standard Bucket Capacity	1 cu.m G.P. Shovel	
	With Link Bracket	Without Link Bracket
M Max. dump height	2.93 m	9 ft - 7.3 in
N Load over height	3.38 m	11 ft - 1.4 in
O Pin height	3.61 m	11 ft - 10 in
P Pin forward reach	0.42 m	1 ft - 4.6 in
Q Reach at ground	1.60 m	5 ft - 2.8 in
R Reach at full height	1.42 m	4 ft - 7.8 in
S Reach at full height bkt. dumped	1.1 m	3 ft - 7.2 in
T Below ground level dig depth	0.08 m	3 inch
U Roll back at ground	50°	49°
V Dump angle	46°	45°
Bucket break-out force	7178 kgf	
Loader arm break-out force	4606 kgf	
Pay load	1560 kgf	

BULL SMART Loader with Booster bucket

LOADER SPECS	In (m)	In (ft.-inch)
- Bucket capacity	0.9 cu.m G.P. shovel	
M Max. dump height	3.94 m	12 ft - 11 in
N Load over height	4.14 m	13 ft - 7 in
O Pin height	3.61 m	11 ft - 10 in
P Pin forward reach	0.42 m	1 ft - 4.6 in
Q Reach at ground	1.85 m	6 ft - 1 in
R Reach at full height	1.41 m	4 ft - 7.54 in
S Reach at full height bkt. dumped	1.39 m	4 ft - 6.8 in
T Below ground level dig depth	0.05 m	2 in
U Roll back at ground	46°	45°
V Dump angle	46°	45°
Bucket break-out force	7178 kgf	
Loader arm break-out force	4606 kgf	
Pay load	1560kgf	

BULL SMART Loader with Grabbing bucket

LOADER SPECS	In (m)	In (ft.-inch)
- Bucket capacity	1.2 cu.m G.P. shovel	
M Max. dump height	2.83 m	9 ft - 3.3 in
N Load over height	3.38 m	11 ft - 1.1 in
O Pin height	3.61 m	11 ft - 10 in
P Max. lift height	4.94 m	16 ft - 2.4 in
Q Reach at ground	1.64 m	5 ft - 4.3 in
R Reach at full height	1.46 m	4 ft - 8.3 in
S Reach at full height bkt. dumped	1.04 m	3 ft - 4.9 in
T Below ground level dig depth	0.89 m	2 ft - 11 in
E Fork close	0.17 m	0 ft - 7 in
F Fork open	1.13 m	3 ft - 8.4 in
U Roll back at ground	44°	41°
V Dump angle	41°	
Bucket break-out force	7178 kgf	
Loader arm break-out force	4606 kgf	
Pay load	1560 kgf	

Why BULL SMART ?

- > Low owning & operating cost resulting in better ROI.
- > **BULL SMART** can load Hywa / Full body trucks without using ramp, through Booster bucket option on loader.
- > 40 types of application specific quick interchangeable bucket options using BQSRSL mechanism.
- > More than 10,000 Satisfied customers across India - A testimony of BULL's performance & service support network
- > BULL, recognized as inhouse R&D unit by ministry of science & technology since 2004.
- > "State of the art" Manufacturing plant with powder coating process for extended life.
- > **SMART** Technology Hydraulics - High on Performance, Low on power consumption.



FINAL ASSEMBLY LINE



WORLD CLASS NEW BACKHOE LOADER PLANT

BULL MACHINES PVT.LTD.,
SF No.5/1A, L&T Bypass Junction, Trichy Road,
Coimbatore - 641 103 INDIA
Ph : 0422-3291 291 /3290 281/6575 753/98426 70184
Mob : 098422 87770
Email : sales@bullmachine.com; Net: www.bullindia.com

Regional Office
H-101, Sector - 63, Noida - 201 301 INDIA
Ph : 0120-3256 574,4751 333(7lines)
Telefax : 0120-2427 165
Cell : 093120 69285
Email : dro@bullmachine.com

Dealer :

CUSTOMER CARE : 0422 - 3922 222

*All dimensions, shapes, weight & specifications may have allowed variance. The information contained in this leaflet is for illustration purpose only, BULL reserves the right to change without prior notice.