



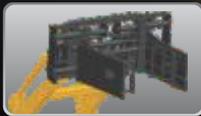
 **BULL**SMART



“39 types of application specific quick interchangeable loader bucket options”



Booster Bucket  
(12.98 ft Dump Height)



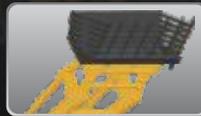
Bale Grabber



Grabbing Fork



Fork Lift



Stone Bucket



Sugarcane Grabber

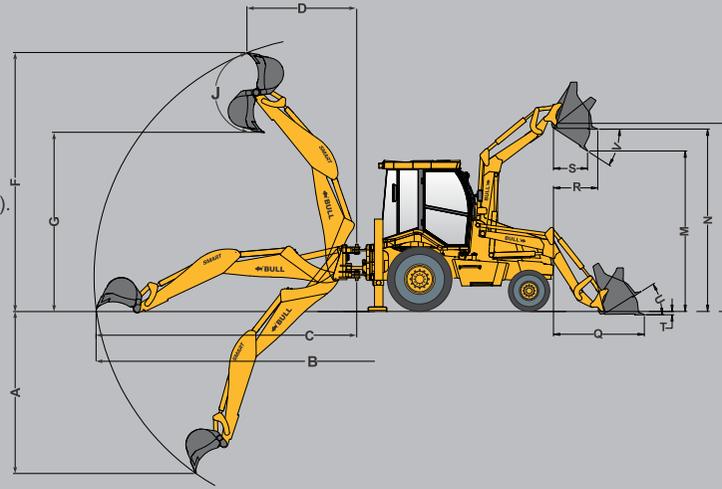


6 in 1 Bucket

### *The Real **SMART** Machine*

- 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.
- STEERING** : Power steering.
- ELECTRICALS** : 12 V battery system.
- TYRES** : Front : 9.00 x 16 - 16PR  
Rear : 14.00 x 24 - 14PR (Industrial)  
Rear Optional : 14.00 x 24 - 16/20 PR (OTR / Heavy duty).
- SPEED** : Forward max 30 km / Hr  
Reverse max 9.3 km / Hr
- HYDRAULICS** : **SMART** technology hydraulics : 2900 p.s.i (200bar)  
Pump flow : 120 lpm @ 2400rpm.
- WEIGHT** : Shipping : 6200 Kgs
- OPTIONS** : ➤ Excavator Buckets  
Capacities • 0.23 cu.m (standard)  
Options • 0.1 cu.m  
• 0.17 cu.m  
• 0.21 cu.m  
➤ Rock Breaker  
➤ Loader booster bucket with 12.98 ft dump height



EXCAVATOR SPECS	in (m)	in (ft-inch)
Standard bucket capacity	0.23 cum	-
A Max. dig depth	3.56 m	11 ft - 8.1 in
B Reach at ground level to rear wheel center	6.32m	20 ft - 8.7 in
C Reach at ground level to slew centre	5.1 m	16 ft - 8.7 in
D Reach at full height to slew centre	2 m	6 ft - 6.7 in
F Max. working height	5.4 m	17 ft - 8.5 in
G Max. load over height	3.74 m	12 ft - 3.2 in
J Bucket rotation - power	200°	-
Bucket tear out force	5610 kgf	-
Dipper tear out force	2200 kgf	-

LOADER SPECS	in (m)	in (ft-inch)
Standard bucket capacity	0.90 cum	-
M Dump height	2.72 m	8 ft - 11.0 in
With booster bucket (option)	3.96 m	12 ft - 11.8 in
N Load over height	3.42 m	11 ft - 2.6 in
O Pin height	3.80m	12 ft - 5.6 in
Q Reach at ground	1.83 m	6 ft
R Reach at full height	1.12 m	3 ft - 8.1 in
S Reach at full height-bkt dumped	0.69 m	2 ft -3.1 in
T Below ground level dig depth	0.05 m	2 in
U Rollback at Ground	53°	-
V Dump angle	45°	-
L Width over bucket	2.10 m	6 ft - 10.7 in

## 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.
- 39 types of application specific quick interchangeable bucket options using BQRSL 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.



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Dealer :

\*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.