

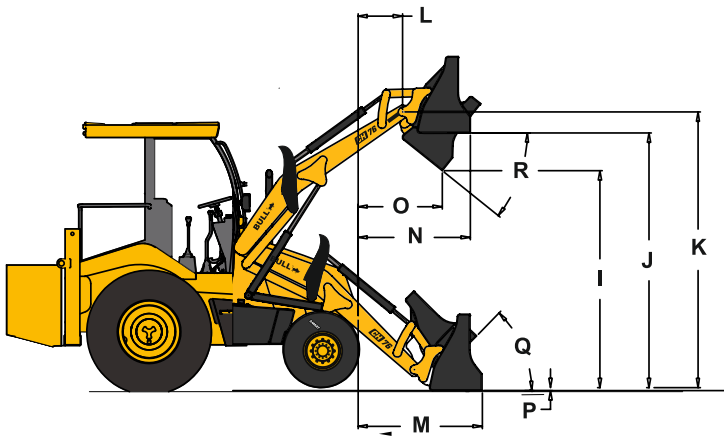
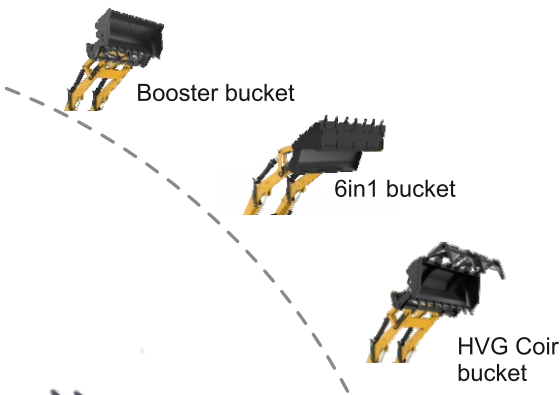
THE UNBEATABLE
Diesel Saving and Performance
Loader Series



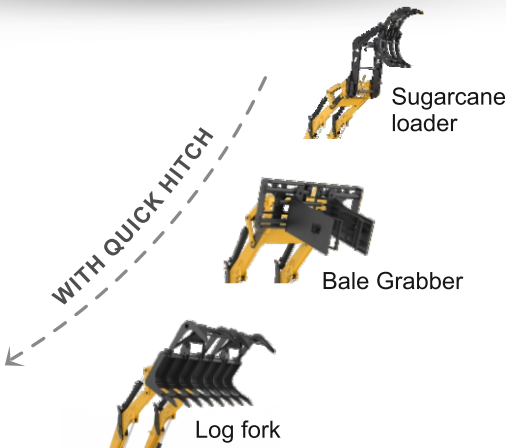
CRUSHER
KING

HEAVY DUTY
HD 76

CHALLENGER
CH 76



WHEN PERFORMANCE
MEETS FLEXIBILITY, THE TRUE
ALL ROUNDER



LOADER PERFORMANCE	Crusher King*	Heavy Duty		Challenger	
	Booster Bucket	Standard Bucket	Booster Bucket	Standard Bucket	Booster Bucket
Standard GP Bucket Capacity	1.4 cu.m	1.26 cu.m	1.1 cu.m	1.26 cu.m	0.9 cu.m
I Dump Height	3.77 m	2.96 m	4.00 m	2.96 m	4.00 m
J Load Over Height	4.08 m	3.39 m	4.13 m	3.39 m	4.13 m
K Pin Height	3.61 m	3.61 m	3.61 m	3.61 m	3.61 m
L Pin Forward Reach	0.42 m	0.42 m	0.42 m	0.42 m	0.42 m
M Reach at Ground	1.74 m	1.47 m	1.72 m	1.47 m	1.72 m
N Reach at full height	1.39 m	1.28 m	1.21 m	1.28 m	1.21 m
O Reach at full Height bkt Dumping	1.22 m	0.89 m	1.11 m	0.89m	1.11 m
P Below ground level DIG Depth	0.16 m	0.1 m	0.05 m	0.1m	0.05 m
Q Roll back at Ground	60°	49°	50°	49°	50°
R Dump Angle	43°	45°	40°	45°	40°
Bucket Break-out Force	8183kgf	8183 kgf		7178 kgf	
Loader Arm Break-out Force	5251kgf	5315 kgf		4622 kgf	
Pay Load	2400kgf	2000 kgf		1560 kgf	

*BQRSL Option Not available

	<i>CRUSHER KING</i>	<i>HEAVY DUTY -  76</i>	<i>CHALLENGER -  76</i>
ENGINE	Kirloskar 4R1190NA, BS-IV (CEV) Diesel Engine (4760 cc) Gross Power : 74.5HP (54.8KW) @ 2200 RPM Gross Torque : 300Nm @ 1300 RPM	Kirloskar 4R1190NA, BS-IV (CEV) Diesel Engine (4760cc) Gross Power : 74.5HP (54.8KW) @ 2200 RPM Gross Torque : 300Nm @ 1300 RPM	Kirloskar 4R1040NA, BS-III (CEV) Diesel Engine (4160 cc) Gross Power : 49HP (36KW) @ 2000 RPM Gross Torque : 250Nm @ 1200 RPM
TRANSMISSION	CARRARO Synchro-shuttle Transmission with integral torque convertor (Ratio : 2.64)	CARRARO Synchro-shuttle Transmission with integral torque convertor (Ratio : 2.64)	CARRARO Synchro-shuttle Transmission with integral torque convertor (Ratio : 2.64)
STEERING	Power Steering	Power Steering	Power Steering
ELECTRICALS	12V Battery System (150Ah)	12V Battery System (150Ah)	12V Battery System (130Ah)
TYRES	FRONT 2WD - 9.00X16 - 16PR REAR Industrial : 16.9X28 - 12PR Heavy Duty : 14X25 - 20PR	FRONT 2WD 9.00X16 - 16PR 4WD 12.5/80X18 - 12PR REAR Industrial : 16.9X28 - 12PR Heavy Duty : 14X25 - 20PR	FRONT 2WD - 9.00X16 - 16PR REAR Industrial : 16.9X28 - 12PR Heavy Duty : 14X25 - 20PR
SPEED	Forward Max : 39 Km/Hr Reverse Max : 9.3 Km/Hr (2nd Gear)	Forward Max : 39 Km/Hr Reverse Max : 9.3 Km/Hr (2nd Gear)	Forward Max : 36 Km/Hr Reverse Max : 8.3 Km/Hr (2nd Gear)
HYDRAULICS	Pump Type : Gear Type Pressure : 3480 p.s.i (240 bar) Pump Flow : 113 lpm @ 2200 rpm 122 lpm @ high rpm	Pump Type : Gear Pump Pressure : 3335 p.s.i (230 bar) Pump Flow : 113 lpm @ 2200 rpm 122 lpm @ high rpm	Pump Type : Gear Pump Pressure : 2900 p.s.i (200bar) Pump Flow : 101 lpm @ 2200 rpm 109 lpm @ high rpm
WEIGHT	8850 Kgs	8160 Kgs	7020Kgs

