

DIMENSIONS				
A.	Transport length, ft/in (mm)	23' 1" (7030)	G. Bucket Rollback At ground level	33°
B.	Transport height, ft/in (mm)	12' 7" (3840)	H. Digging depth below grade, in (mm)	4" (110)
C.	Wheelbase, in (mm) 4WD	86" (2175)	I. Transport width, ft/in (mm) Overall width, ft/in (mm) Reversible pads	7' 6" (2300)
D.	Height to top of cab, ft/in (mm)	9' 3" (2825)	J. Stabilizer spread, operating, ft/in (mm)	10' 7" (3226)
E.	Ground Clearance, in (mm)	19" (500)	K. Stabilizer spread, leveling angle	14°
F.	Blade width, ft/in (mm)	7' 5" (2277)		

LOADER DIMENSIONS		
		1.1 cu yd Heavy-Duty General Purpose
M.	Height to hinge pin, ft/in (mm)	11' 8" (3580)
N.	Dump height, ft/in (mm)	8' 11" (2732)
O.	Max dump angle	45°
P.	Reach @ 45 degree dump angle, ft/in (mm) Max grading angle	2' 7" (797) 116°

Unit equipped with 12-16.5 front tire, 19.5L-24 rear tire

LOADER PERFORMANCE		
		1.1 cu yd Heavy-Duty General Purpose
	Linkage geometry	straight
	Bucket breakout force, lbf (daN)	13,778 (6250)
	Lift capacity to full height, lbs (kg)	8157 (3700)
	SAE heaped capacity, cu yd (m ³)	1.3 (1.0)
	Bucket weight, lbs (kg)	1014 (460)
	Cutting width, in (mm)	89 (2270)
	Cycle	
	Raise to full height	5.90 sec
	Dump time	1.80 sec
	Lower	3.20 sec

WEIGHT	
Base Unit (4WD, Cab)	17,487 lbs
With options added	
Canopy	-145 lbs
4x1	+1708 lbs
6x1	+2107 lbs

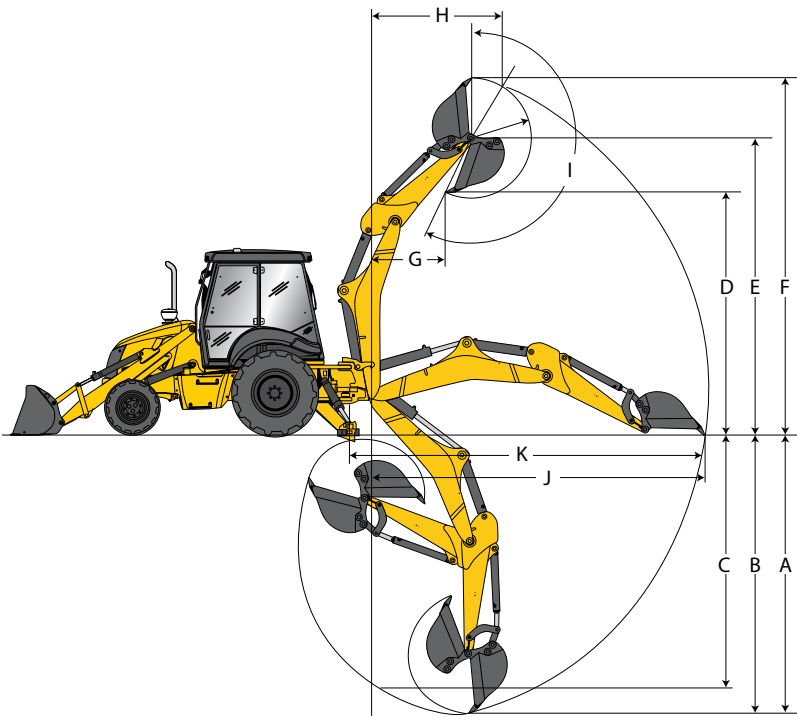
TRANSMISSION	
	Power Shuttle
Manufacturer	Carraro
Transmission type	Synchromesh
Gear	4F/4R
Max Fwd travel speed, mph (kph)	21.1 (34)

Note: Travel Speeds with 19.5L-24 Rear Tires

ENGINE	
Make and model	F5HFL463*A
Type	Tier 4 Final certified, Diesel Oxidation Catalyst HPCR, 4-cycle diesel
Aspiration	Turbocharged Aftercooled
Rated RPM	2200
Number of cylinders	4
Displacement, cu in (l)	207 (3.4)
Horsepower, gross, hp (kW)	74 (55)
Horsepower, net hp (kW)	68.4 (51)
Peak torque, lb-ft (Nm) @ RPM	233 (316) @ 1400

MANEUVERABILITY		
	Less Brakes	With Split Brakes
4WD curb clearance	15' 9"	11' 5"
4WD bucket clearance	19' 5"	16' 6"

*4WD, CAB, HED, Heavy Duty Counterweight, STD Bucket



HYDRAULIC SYSTEM	
Mechanical Control Pump	Gear Pump
System type	Twin Gear
Main pump type	Dual gear
Pump capacity gpm (lpm)	32.5 (123)
System relief pressure	3045 psi

ELECTRICAL	
Alternator output	120 amps
Battery capacity	800 CCA

REFILL CAPACITIES	
Fuel tank, gal (l)	34 (129)
Cooling system, gal (l)	5.2 (20)
Engine oil, includes filter, gal (l)	2.1 (8.0)
Hydraulic tank, gal (l)	13.4 (50.7)
Hydraulic system, gal (l)	28 (107)

CYLINDER SPECS	
Loader cylinder	3.54" bore x 28.62" stroke
Backhoe	
Boom cylinder	5" bore x 35.71" stroke
Arm cylinder	4.75" bore x 27.64" stroke
Bucket cylinder	3.5" bore x 30.16" stroke
Swing cylinder	4.33" bore x 9.37" stroke

SERVICE INTERVALS	
Engine oil	500 hours
Hydraulic oil filter	1000 hours
Engine coolant	2000 hours
Rear axle oil	1000 hours

BACKHOE DIMENSIONS				
		Standard	Retracted	Extended
A	Max dig depth, ft/in (mm)	14' 5" [4399]	15' 11" [4547]	18' 4" [5584]
B	Dig depth, 2' level bottom, ft/in (mm)	14' 3" [4344]	14' 11" [4547]	18' 4" [5578]
C	Dig depth, 8' level bottom, ft/in (mm)	13' 1" [3988]	13' 9" [4191]	17' 5" [5298]
D	Loading Height, ft/in (mm)	11' 11" [3644]	11' 11" [3645]	14' 1" [4280]
E	Max pin height, ft/in (mm)	14' 10" [4512]	15' 2" [4610]	17' 3" [5245]
F	Max operating height, ft/in (mm)	18' 1" [5489]	18' 4" [5585]	20' 4" [6220]
G	Loading Reach @ max height, ft/in (mm)	6' 5" [1964]	6' 8" [2050]	9' 5" [2885]
H	Dig reach @ max height, ft/in (mm)	8' 5" [2556]	8' 10" [2701]	11' 7" [3535]
I	Bucket rotation (max)	204°	204°	204°
J	Reach from swing post, ft/in (mm)	18' 5" [5625]	18' 10" [5762]	22' 0" [6739]
K	Reach (overall), ft/in (mm)	18' 6" [5657]	19' 0" [5792]	22' 1" [6739]

BACKHOE PERFORMANCE			
	Standard	Retracted	Extended
Bucket capacity, cu ft (m ³)	7.5 (.21)	7.5 (.21)	7.5 (.21)
Bucket digging force, lbs (kg)	12,138 (5696)	12,138 (5696)	12,138 (5696)
Boom lift @ -8 ft, lbs (kg)	3227 (1467)	2732 (1242)	2328 (1058)
Dipper lift @ +10 ft, lbs (kg)	4070 (1850)	3540 (1609)	2572 (1179)