

EXPERT™

BODY DIMENSIONS		2 axles 22 yd ³ (17 m ³)	3 axles 31 yd ³ (24 m ³)
A	O.A. length	237 in (6,020 mm)	292 in (7,417 mm)
B	O.A. height above frame	102 in (2,591 mm)	102 in (2,591 mm)
C	O.A. width*	96 in (2,438 mm)	96 in (2,438 mm)
D	Tailgate length	18 in (457 mm)	33 in (838 mm)
E	Loading height above frame	5.5 in (140 mm)	5.5 in (140 mm)
F	Packer stroke	52 in (1,321 mm)	52 in (1,321 mm)
G	Packer height	18 in (457 mm)	18 in (457 mm)
H	Packer width*	72 in (1,829 mm)	72 in (1,829 mm)
I	Packer penetration inside body	12 in (305 mm)	12 in (305 mm)
J	Hopper opening width	71 in (1,803 mm)	71 in (1,803 mm)
K	Hopper opening height	77 in (1,956 mm)	77 in (1,956 mm)
L	Dumping angle, body*	45°	45°
M	Angle of slope, raised*	24°	24°
N	O.A. length, tailgate raised, body down	292 in (7,417 mm)	332 in (8,433 mm)
O	O.A. height tailgate raised, body down, above frame	195 in (4,953 mm)	195 in (4,953 mm)
P	O.A. length, dumping position	406 in (10,312 mm)	446 in (11,328 mm)
Q	O.A. height, dumping position, above frame	201 in (5,105 mm)	228 in (5,791 mm)

*Not shown on drawing

BODY SPECIFICATIONS

Body floor	3/16" steel CSA G40.21 50W
Body bottom side walls	10ga steel A1011 GR 80
Body upper side walls	12ga steel A1011 GR 80
Body roof	12ga steel A1011 GR 80
Body long sills	HSS tubing, 6" x 2" x 3/8", A500 Grade C

BODY CAPACITIES

2-axle chassis	15, 17, 20, 22 & 24 cu.yd. (11.5, 13, 15, 17 & 18 m ³)
3-axle chassis	27, 29, 31, 33, 35 & 37 cu.yd. (20.5, 22, 24, 25, 27 & 28 m ³)

Note: no split body available with dual Helping hand

HOPPER SPECIFICATIONS

Loading height	5.5" above frame
Hopper floor	3/16" AR200
Hopper floor wear plates	1/4" Hardox 450
Hopper sides	3/16" AR200
Hopper sides wear plates	3/16" Hardox 450
Hopper slope	1/4" Hardox 450
Hopper slope wear plates	1/4" Hardox 450
Hopper door dimensions	71" x 73"

Note: no crusher panel available with dual Helping Hand

TAILGATE SPECIFICATIONS

Sides and Rear Walls	12ga steel A1011 GR 80
Upper tube frame	4" x 4" x 3/16" A500 Grade C
Bottom tube frame	7" x 3" x 1/4" A500 Grade C (10" x 3" x 1/4" A500 Grade C on 0 and 2 cu.yd tailgate)
Framing sides	3/16" AR200

PACKER SPECIFICATIONS

Rails wear plates	1/4" Hardox 500
Packer horizontal wear shoes	1/2" Hardox 450
Packer side wear shoes	1/4", Hardox 450
Top of packing ram	1/4" AR200 70,000 psi
Face plate of packing ram	1/4" AR200 70,000 psi
Width of packing ram	72"
Height of packing ram	18"
Stroke of packing ram	52"

ARM SPECIFICATIONS

Pick up capabilities	32 to 96 gal carts	
Lift capacities	400 lbs at maximum reach	
Arm reach	84 in	120 in

HYDRAULICS

Body Control valve	Parker VG35	
Pump	T6D (Manual) / T6DC (Automated)	
Pump Flow Packer	38 gpm @ 1200 rpm / 20.4 gpm @ 700 rpm	
Pump Flow Arm	N.A. / 16.3 gpm @ 700 rpm	
Hydraulic reservoir	65 gallons (conventional cab)	
Hydraulic system pressure	3000 psi (2000 psi on smaller bodies)	
Return line filter/ Nominal filtration	150 gpm, 7 micron	

CYLINDERS

Body lifting	STANDARDS				OPTIONS
	Stages telescopic	Bore	Stroke	Bodies	
	3		140"	15 yd ³	
	4	6 1/2"	150"	20 yd ³	
	4		180"	27 yd ³	
	5		204"	31 yd ³	
Packer	4" x 2.5" x 40"				
Tailgate	2.5" x 1.75" x 39"				
Horizontal extension	2" x 1.25" x 54"				Additional cylinder 2" x 1.25" x 36"
Lifting	3" x 1.5" x 16"				
Grabber	1.5" x 1" x 5"				

PRODUCTIVITY DATA

Arm cycle time	8 to 20 sec. at 700 rpm	
Packer cycle time	20 sec. at 700 rpm	13 sec. at 700 rpm
Dumping cycle time	55 sec. at 1,500 rpm	
Tailgate cycle time	55 sec. at idle	

Note: Specifications subject to changes without notice.

