



Chassis Requirements							
Model	Axle	Min GVWR	Min GAWR		Usable CA/CT	C.O.E. WB (Approx)	Min. AF
			Front	Rear			
20 Cubic Yard	Single	41,000 lb	18,000 lb	23,000 lb	168"	185"	60"
23 Cubic Yard	Single	41,000 lb	18,000 lb	23,000 lb	168"	185"	60"
27 Cubic Yard	Tandem	52,000 lb	18,000 lb	34,000 lb	189"	210"	60"
30 Cubic Yard	Tandem	52,000 lb	18,000 lb	34,000 lb	189"	210"	60"

Please note that all designs, specifications, components, and materials are subject to change without notice and at the manufacturers sole discretion. The information published in this document is for information purposes only and all final specifications for ordering must be confirmed by a Pendpac sales engineer.

Strength Specifications	
Hopper Floor	3/16" ASTM A715 Grade 80
Hopper Walls	5/16" Hardox 400
Tailgate Walls	3/16" ASTM A715 Grade 80
Body Floor	3/16" ASTM A715 Grade 80
Body Walls	10 Ga. ASTM A715 Grade 80
Body Roof	10 Ga. ASTM A715 Grade 80
Packer Face Plate	5/16" Hardox 400
Rails Wear Plate	n/a
Packer Wear Shoes	n/a

Performance Specifications	
Lifting Capacity	550 lbs
Lift Cycle Time*	7.5 sec
Lift Reach	7.5 sec
Homes per day	over 1000
Working RPM (operate-in-gear-at-idle) arm	800 rpm
Working RPM (operate-in-gear-at-idle) packer	800 rpm
Compaction	750 lbs / yd ³
* Lift cycle time defined as grip, dump, return, and release	

Hydraulic Specifications			
Pump		Valves	
Type	Vane	Shutoff	2" Suction
Max Operating Pressure	2500 psi	Lift Control	Electrical Joystick
Working rpm	1500 rpm	Hoist & Tailgate Control	Electric over Hydraulic
Flow at Working RPM	22 gpm	Body Cylinders	
Type	Vane	Tailgate Raise	2.50 X 36.00
Max Operating Pressure	2500 psi	Packer	5.00 x 18.50
Working rpm	1,500 rpm	Body Hoist	2.50 x 71.88
Flow at Working RPM	28 gpm	Lift Cylinders	
Oil Reservoir		Grip	1.50 x 8.39
Tank Capacity	50 gallon	Raise	n/a
Return Filter	10 micron return line	Dump	n/a
Inlet Filter	100 mesh suction screen	Reach	2.00 x 87.19

Body Specifications														
Model	Body Capacity		Hopper Capacity		Overall length		Overall Length (Tailgate Raised)		Overall Width		Overall Height Above Frame		Mounted Weight (Route Ready)	
	yd ³	m ³	yd ³	m ³	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	kg
20 cu. Yd	18.80	14.37	2.30	1.76	225.75	5734	276.5	7023	101.5	2578	94	2388	12,400	5,625
23 cu. Yd	21.60	16.51	2.30	1.76	245.69	6240	276.5	7023	101.5	2578	94	2388	12,600	5,715
27 cu. Yd	24.90	19.04	2.30	1.76	263.75	6699	314.0	7975	101.5	2578	94	2388	13,300	6,033
30 cu. Yd	27.70	21.18	2.30	1.76	283.69	7206	314.0	7975	101.5	2578	94	2388	13,500	6,123