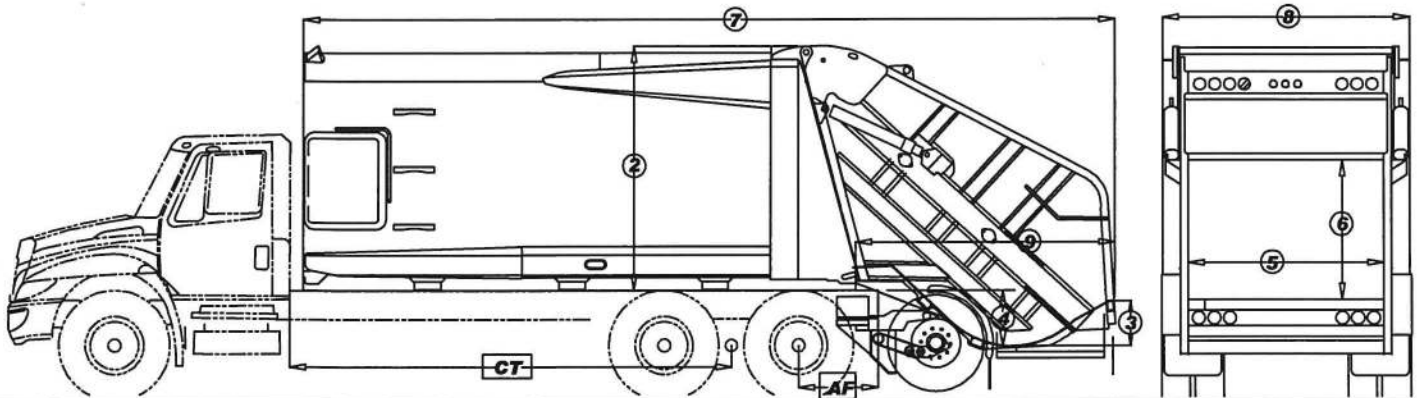




EXCEL 25/31 with TAG AXLE

high performance rearloader

XL25 / XL31 (not the "S" body) Conv-Cab w/ "RS" TAG



EXCEL with TAG AXLE> DIMENSIONAL SPECIFICATIONS

1	AVAILABLE BODY VOLUMES →	20 YD 3	25 YD 3	31 YD 3
2	HEIGHT ABOVE CHASSIS FRAME	n/a	93 1/2	93 1/2
3	DEPTH OF HOPPER	n/a	17*	20 1/4
4	HOPPER BELOW CHASSIS FRAME	n/a	22 1/2*	24 1/4
5	HOPPER INSIDE WIDTH	n/a	75	75
6	HOPPER OPENING HEIGHT	n/a	60	60
7	OVERALL LENGTH	n/a	308*	344
8	OVERALL WIDTH	n/a	95 3/4	95 3/4
9	REAR OF BODY TO REAR OF TAILGATE	n/a	98*	94
10	APPROX BODY WEIGHT	n/a	16,700 LBS	17,500 LBS
11	LOAD SILL BELOW CHASSIS FRAME	n/a	4 INCHES	4 INCHES
12	HOPPER CAPACITY	n/a	3.7 YD ³	3.7 YD ³
13	HEIGHT ABOVE FRAME (GATE RAISED)	n/a	184	184

NOTE 1: THIS "PRODUCT DATA SHEET" PRESENTS INFORMATION THAT IS ACCURATE "ONLY" FOR TAGGED EXCEL (this data is NOT the S-Body!)

NOTE 2: THE TAG AXLE "KIT" ITSELF TYPICALLY ADDS 1800 LBS (THIS 1800 LBS IS "NOT" IN ABOVE CHARTED WEIGHTS)

NOTE 3: THIS DATA IS FOR "EXCEL" (NOT THE "S-Body"). SEE SEPARATE TAGGED EXCEL-"S" PRODUCT DATA SHEET.

CHASSIS RECMNDS FOR EXCEL with TAG AXLE

BODY SIZE	MINIMUM GVWR	MINIMUM FRONT GAWR	MINIMUM REAR GAWR	CT	MINIMUM AF
20 YD 3	n/a	n/a	n/a	n/a	n/a
25 YD 3	58,000	18,000	40,000	168"	36"
31 YD 3	64,000	20,000	44,000	194"	36"

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Tag Axle...

Manufacturer	Silent-Drive (13.5K rated)
Mounting Style	Chassis FRAME-RAIL Mounted
Option "Compatibility"	most Commonly desired Options available with Tag
Tag's Standard Tire	255/70R22.5

Body's Material Specs...

Body Sides	smooth-side curved 8GA high tensile
Body Roof	smooth-side curved 8GA high tensile
Body Floor	flat 3/16" high tensile
Body Longitudinals	3" x 8" x 1/4" Boxed channels high tensile
Ejector's Track Channels	1/4" high tensile (stress-diffusing "hat" shaped)
Body Structural Upgrades available (thicknesses and alloys)	

Tailgate Shell's Material Specs...

Lower tailgate sides	3/16" T-1 Alloy (abrasion-resistant)
Upper tailgate sides	3/16" hi-tensile is the "Sweep-zone"
	10ga high tensile above
Hopper Floor	1/4" T-1 Alloy
Separator Panel	3/16" T-1 Alloy
Tailgate Structural Upgrades available (thicknesses & liners)	

Blade's Material Specs...

Sweep's Face Panel	1/4" T-1 Alloy
Sweep's PushArms	1/2" high tensile
Slider's Face Panel	3/16" high tensile
Pivot Pinning ("wrist")	3" dia. med carb round Cold Finish; induction hardened
Pivot Pin's Bearings	(4) Hard Bushes (w/ grease "reservoir" between bush-pairs)
Ejector Face Panel	3/16" high tensile (seamless)
Ejector Face's Bracings	5/16" high tensile deep section channels
Ejector's Shoeings	10 Shoes; all UHMW Polyethylene polymer
Slider's Shoeings	4 Nylatron NSM (very high strength) and 4 UHMW polyethylene

Hydraulic System Specs...

Reservoir	42 gallons
Pump	42GPM direct-couple to PTO piston pump and PTO, or... Crankshaft driven Parker P365 Gear Pump w/ remote wet valve
Max System Pressure	2950PSI
Suction Filter	100mesh
Return Filter	6 Micron premium <i>MicroGlass</i> TankTop style
Sweep Cylinders	5" Bore x 3" Rod Cushioned; Hard-Bushed pinnings (rod-side)
Slider Cylinders	5" Bore x 2 1/2" Rod Cushioned
Gate Lift Cylinders	4 3/4" bore single-acting
Ejector Telescopic	4-stage (6 1/2" largest bore; then 5 1/2"; 4 1/2"; 3 1/2"); trunnion-mount (for "diminutive" doghousing needs)
Body-Mounted Valve	Parker V20; two-worksections
Tailgate-Mntd Valve	Parker VG35 (Impacted Graphite xtra durable cast sections); two worksections "standard"

Electrical Specs...

Harnessing	4 serviceable Segments w/ Deutsch Aluminum-alloy housed multi-pin conns between the segments All wires Color Coded with Function Imprints also; <i>Dual-Path</i> BUS stud grounds at both upper/lower rear lights.
Connectors	WeatherPaks mainly employed at multi-wires; only Heat-Shrinkers used for the cases of "individual" wire conns
InCab	Control Center: 4 "marine" Rocker Switch Sub-panel PTO engage light standard/Filter "Service" light standard "Industrial-world" durable relays (when needed)
Lighting	Standard LED (except "incandescent" Backup lights; LED Backup lights are available opt) Full complement of lights UnderSill AND above the Hopper (standard) Customer-preferred Lighting Schemes "routinely" available

Some standard features...

Outstanding-service DEALER nearby; Giant, productive "real" 3.7YD Hopper; Hopper's Blade "Geometry" optimized to "capitalize" on the big hopper "on the route"; Color-coded control levers; PPG coatings; undercoating; "rhino" liner at "tires-blasted" lower fenderings; mudflaps rearward of rear tires; Turn-Buckle Gate Latches; Bolted-on Riding Steps; Fully-accessorized oil reservoir; Body Access Door; Ladder to Body Door; Graphics-friendly Smooth Curve body; Hard Bushed Wrist Pivots; Manuals & Phone Tech Support

Some available options...

Productivity enhancing REGNERATION Opt (22 Sec Cycle time); Body-Roof Tube Protection Opt; Work Lights (in hopper and/or out hopper); Beacons/ Strobes; Carl Tipper Factory Installs; 2-styles of Carl Tipper Hydraulic Circuits: a) XTRA t/g valve section(s) -or- b) Divertor/Hand Valves "style" of hydraulic circuit; Roof-Mtd Cable Reevee ("2-10); Sling Lift ("1-2"); Roll Bar with Clear Step; Can RollStopBar Opt; Drum Winch; Frame-Mtd Oil Reservoir; LoadMaster's "business-culture" is open to Customer Ideas and Customer Preferences



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