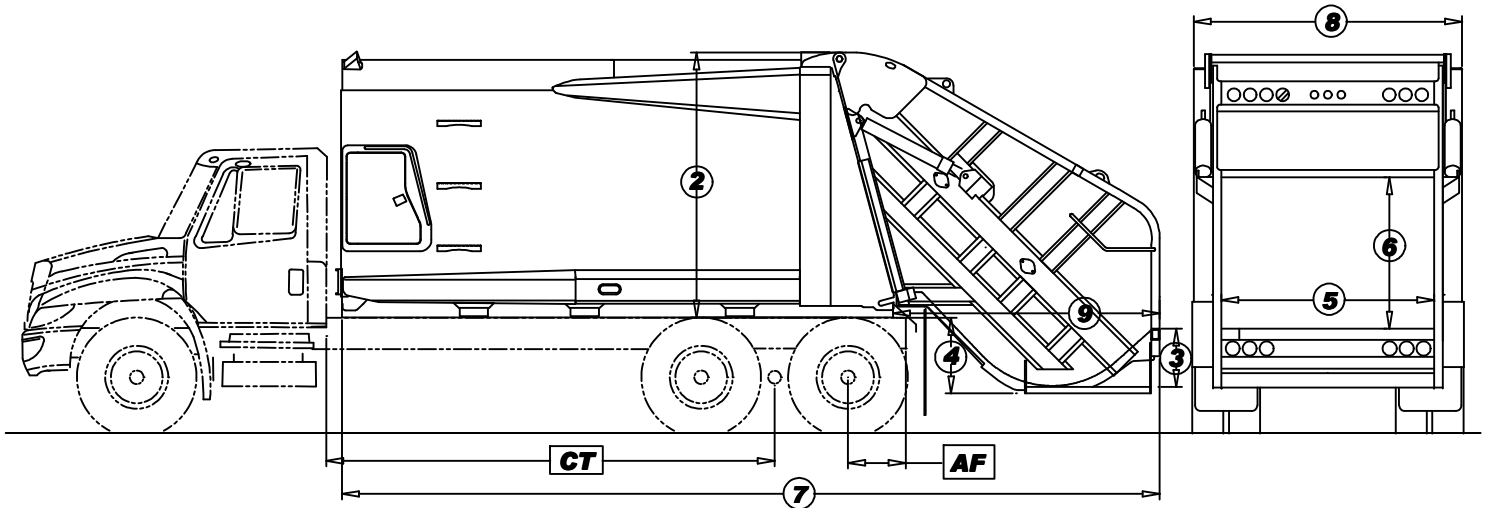




# EXCEL-"S" SERIES

high performance rearloader



## XL-"S" DIMENSIONAL SPECIFICATIONS

1 AVAILABLE BODY VOLUMES →	S20 YD <sup>3</sup>	S25 YD <sup>3</sup>	S27 YD <sup>3</sup>	S31 YD <sup>3</sup>	S33 YD <sup>3</sup>
② HEIGHT ABOVE CHASSIS FRAME	93 1/2	93 1/2	93 1/2	93 1/2	93 1/2
③ DEPTH OF HOPPER	20 1/4	20 1/4	20 1/4	20 1/4	20 1/4
④ HOPPER BELOW CHASSIS FRAME	24 1/4	24 1/4	24 1/4	24 1/4	24 1/4
⑤ HOPPER INSIDE WIDTH	75	75	75	75	75
⑥ HOPPER OPENING HEIGHT	60	60	60	60	60
⑦ OVERALL LENGTH	262	288	301	328	340
⑧ OVERALL WIDTH	95 3/4	95 3/4	95 3/4	95 3/4	95 3/4
⑨ BODY TO REAR OF TAILGATE	94	94	94	94	94
10 APPROX BODY WEIGHT	15,100 LBS	16,000 LBS	16,400 LBS	17,200 LBS	17,500 LBS
11 LOAD SILL BELOW CHASSIS	4 INCHES	4 INCHES	4 INCHES	4 INCHES	4 INCHES
12 HOPPER CAPACITY	3.7 YD <sup>3</sup>	3.7 YD <sup>3</sup>	3.7 YD <sup>3</sup>	3.7 YD <sup>3</sup>	3.7 YD <sup>3</sup>
13 HEIGHT ABOVE FRAME (RAISED)	184	184	184	184	184

## CHASSIS RECOMMENDATIONS FOR "S"

BODY SIZE	MINIMUM GVWR	MINIMUM FRONT GAWR	MINIMUM REAR GAWR	CT	MINIMUM AF
20 YD <sup>3</sup>	46,000	12,000	34,000	132"	26"
25 YD <sup>3</sup>	52,000	12,000	40,000	158"	26"
27 YD <sup>3</sup>	54,000	12,000	42,000	170"	26"
31 YD <sup>3</sup>	60,000	16,000	44,000	192"	26"
33 YD <sup>3</sup>	62,000	18,000	44,000	204"	26"

LOADMASTER reserves the right to revise product specifications.

This "DATA SHEET" is "informational" only. Consult with your LOADMASTER dealer prior to ordering...for final specifications.

For "CT"...assure Clear & Useable per this info. (If EXHAUST stack is "consuming" space... then "account" for EXHAUST when you are "specing" Chassis.)

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**Body's Material Specs...**

Body Sides	smooth-side curved <b>8GA</b> hi-tensile
Body Roof	smooth-side curved <b>8GA</b> hi-tensile
Body Floor	flat 3/16" high tensile
Body Longitudinals	3" x 8" x 1/4" Boxed channels
Ejector's Track Channels	1/4" high tensile (stress-diffusing)
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's-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 -carbon 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 Nylatron GSM polymer (high strength polymer)
Slider's Shoeings	4 Nylatron NSM ultra-high strength load-carrying shoes; and 4 UHMW polyethylene rebound shoeings

**Hydraulic System Specs...**

Reservoir	45 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	3200PSI
Suction Filter	100mesh
Return Filter	16 Micron premium MicroGlass 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); 2 Knock-Out Sections; Parker "EHP" robust KnockOuts

**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 for PTO style pumps "Industrial-world" durable relays (as 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; Productivity-enhancing REGNERATION (22 Sec Cycle time); Hopper's Blade's Geometry optimized to avoid "Blade-Pushed" street-spillage; Color-coded control levers; PPG coatings; undercoating; "rhino" liner at "fires-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 on CD & Phone Tech Support

**Some available options...**

Body-Roof Tube Protection Opt; Work Lights (in hopper and/or out hopper); Beacons/ Strobes; Automatic Gate Latches; Cart Tipper Factory Installs; 2-styles of Cart 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"); Clear-Step Roll Bar; Can StopBar Opt; Drum Winch; OverSize In-Body Oil Tank (53 GAL); Frame-Mtd Oil Reservoir (60 GAL); Convenience-Groupings of Grease Zerk; LoadMaster's "business-culture" is open to Customer Ideas and Customer Preferences; Customer specified Street-Lighting Schemes