



## STELLAR® CABLE HOIST TECHNICAL SPECIFICATION GUIDE

# AFM60

60,000 Lb Above Frame Mount Cable Hoist



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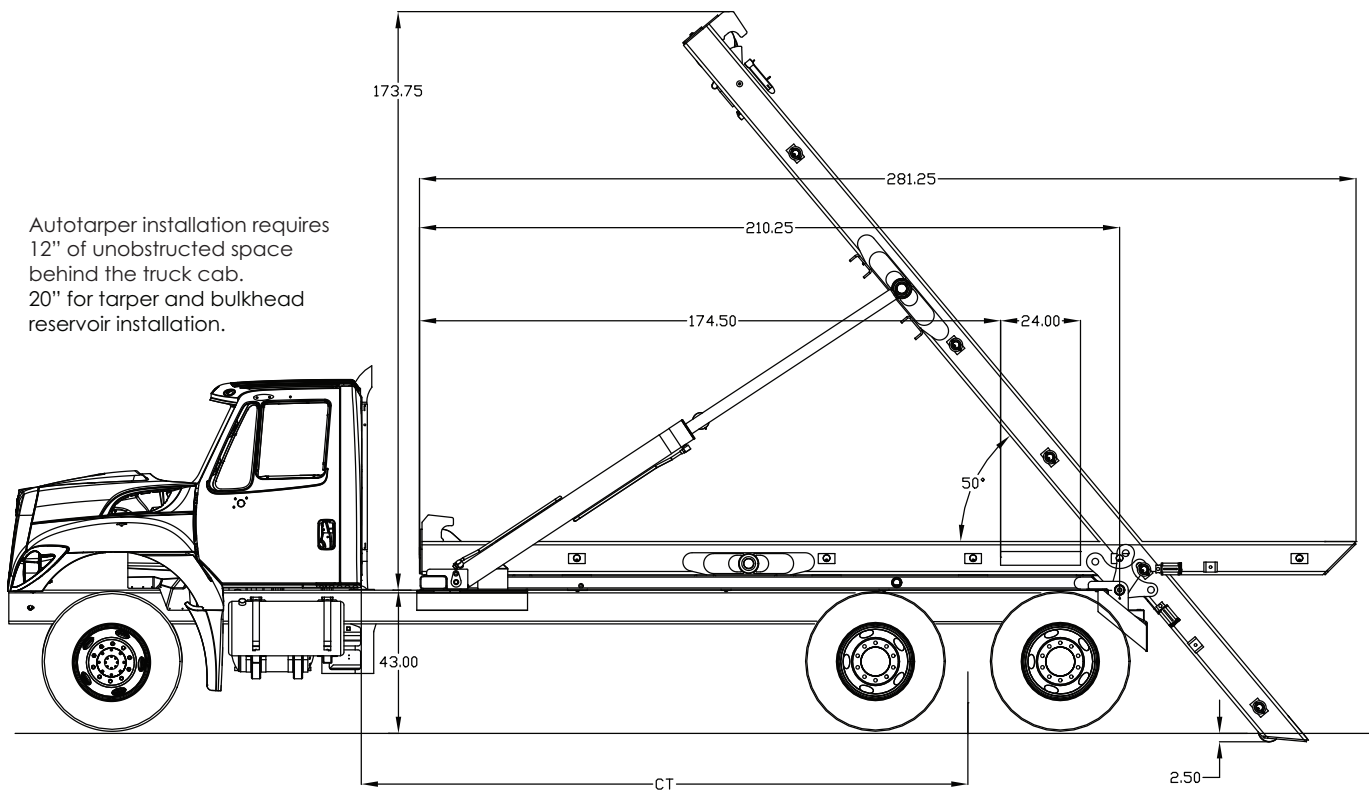
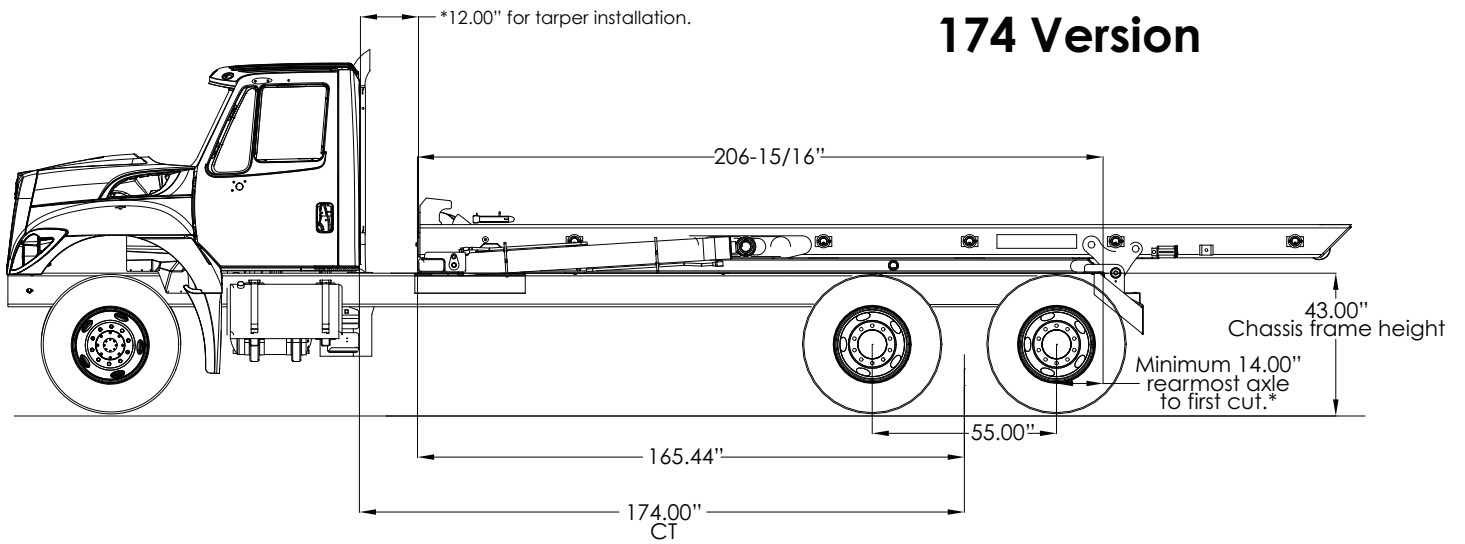
## ■ STANDARD EQUIPMENT

Hoist rated capacity	.60,000 lbs
Main frame	.10" x 4" x 1/2" A500 C tubing
Front stop	.1" plate
Container lock	.Automatic spring loaded
Lift cylinder shaft	.2.5" zinc plated carbon steel
Rear hinge shaft	.3" zinc plated carbon steel
Cable	.7/8" (6 x 37 EXIWRC)
Cable sheaves	.Front sheave 13.38" / Reeving 10" with bronze bushings
Cable anchor	.4 cable clamps
Cable end	.Steel casting
Container hold downs	.Standard with ratchet winches and straps
Lift cylinders	.6" x 72.25" D.A.
Reeving cylinder	.6.5" x 80" D.A.
Direct mount pump	.Piston type 25 GPM @ 1500 RPM
Operating pressure	.4,500 PSI for 60,000 lbs
Hydraulic valve	.2 spool 25 GPM safety bypass
Hydraulic reservoir	.25-gallon 10 micron filter & screen filter
Outside rollers	.4" O.D. with bronze bearing and grease zerks
Inside rollers	.6" O.D. hardened roller & pins
Pivot points	.Bushings and grease zerks
Safety stand	.Accessible each side
I.C.C. Bumper	.Folding, mounting lugs factory installed
Rear bumper	.Pre-drilled bolt mount - LED sealed beam backup, clearance and tail lights
Hoist-up alarm	
Inside cab air controls and outside manual controls	

## ■ OPTIONAL EQUIPMENT

Inside controls	.Direct connect, cable
Remote mount hydraulic pump	.Piston type 25 GPM @ 1500 RPM
Auxiliary fold down front stops	.For short containers
Full fenders	.Tandem or tri-axle, 12 ga. steel or poly
Tool box	.20" x 15" x 48"
3 and 4 Spool valve	.For use with optional equipment as needed
Additional hydraulic lines	.Single-acting hydraulic line to rear (Requires the 3 spool valve option or selector valve) Double-acting hydraulic line to rear (Requires the 3 spool valve option or selector valve) Double-acting hydraulic line to side (Requires the 3 spool valve option or selector valve)
"Drop-in" Stops	.For short containers
Cab Guard	
PTO air operated with signal light	
Integrated 5-section valve bank for standard cable hoist and Stellar® Tarping System	

## 174 Version



## ■ FEATURES AND BENEFITS

<b>Container Lengths</b>	AFM60-174 can accommodate containers with 18' to 22' lengths and the AFM60-194 can accommodate containers from 18' to 24' in length.
<b>Shipping weight</b>	AFM60 - 174OR weighs 7,123 lbs.
<b>Lift and dump capacity</b>	60,000 lbs lifting and dumping capacity. The capacity is determined by the hydraulic pressure setting.
<b>Cable</b>	7/8" cable diameter (6x37 EXIWRC) is standard.
<b>Cable routing</b>	Cable is routed in a single direction of rotation. Cable routing does not switch directions from clockwise, to counter clockwise, then back to clockwise. The Cable75 cable runs only in one direction.
<b>Single reeving cylinder</b>	One 6.5" x 80" cylinder instead of two 7" x 80" cylinders that are used on current cable hoists today, therefore there are less seal kits to maintain. Sheave bushings and pins are greaseless. Bushings and grease zerks are installed in both rod-end pin bosses.
<b>Reeving cylinder enclosure</b>	Reeving cylinder rod is always covered by structural enclosure, which decreases the potential to expose the cylinder to damaging debris.
<b>Dump cylinders</b>	Two 6"x72.25" dump cylinders. Higher operating pressure allows for smaller cylinders, meaning greater payload each pull made. Bushings and grease zerks are installed in both pin bosses.
<b>Hydraulic piston pump</b>	Piston pumps are more efficient, have longer life, handle higher operating pressure and pressure spikes better than gear pumps.
<b>35-gallon bulkhead reservoir</b>	Bulkhead reservoir is standard
<b>Functional speed</b>	Hoist up = 30 seconds, hoist down = 11 seconds, cable in loaded = 30 seconds, cable out (unloading) = 30 seconds.
<b>Zinc plated pins</b>	Zinc plated steel pins are used in rear hinge, sheaves, and cylinders.
<b>Bushings and grease zerks</b>	Bushings and grease zerks at installed at all pivot points.
<b>Finish paint</b>	Two part polyurethane automotive finish paint.
<b>Dump cylinder mounting</b>	Cylinders are mounted above and outside of frame rails. This offers easier access and greater stability when dumping.
<b>Main frame end plates</b>	1/2" high strength wear plates added to end of main frame tubes.
<b>Warranty</b>	36 months structural, 12 months parts and labor.

Your local distributor:



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