

50T-65T Hydraulic Raising System Product Manual

AFS 1500-1700



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50T Hydraulic Raising System Product Manual



AFS System	Pole Weight /lbs	Maximum Additional Payload /lbs	Ram Qty	Power Unit
AFS 1500_100' Pole	13900	2508	2	GPU
AFS-1700_120' Pole	14441	1716	2	GPU

Ram Specifications (HY-50T)

Overall Dimensions: L84.5" x W14" x H10.5"

Dimensions: 8.00" Bore, 60.00" Stroke, 4.00"

Rod Pin Dimensions: L23.35" x D2.50"

Weight: 821 lbs/ram

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Image coming soon

AFS System	Pole Weight /lbs	Maximum Additional Payload /lbs	Ram Qty	Power Unit
AFS 1500_140' Pole	14807	803	2	GPU
AFS-1700_150' Pole	16747	550	2	GPU

Ram Specifications (HY-65T)

Overall Dimensions: L87.25" x W15" x H10"

Dimensions: 7.00" Bore, 60.00" Stroke, 5.00"

Rod Pin Dimensions: L23.35" x D2.50"

Weight: 2400 lbs/ram

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50T & 65T RAM (includes 2 Pins) and Gas Power Unit

**Power Unit Specifications
(GPU-50T-65T)**

Overall Dimensions: L35" x W29" x H41"

Reservoir: 25 gal

Recommended Hydraulic Fluid Type: ISO AW-46

Grade Paired Hoses Length: 7 ft

Weight: 280 lbs

Installation Steps

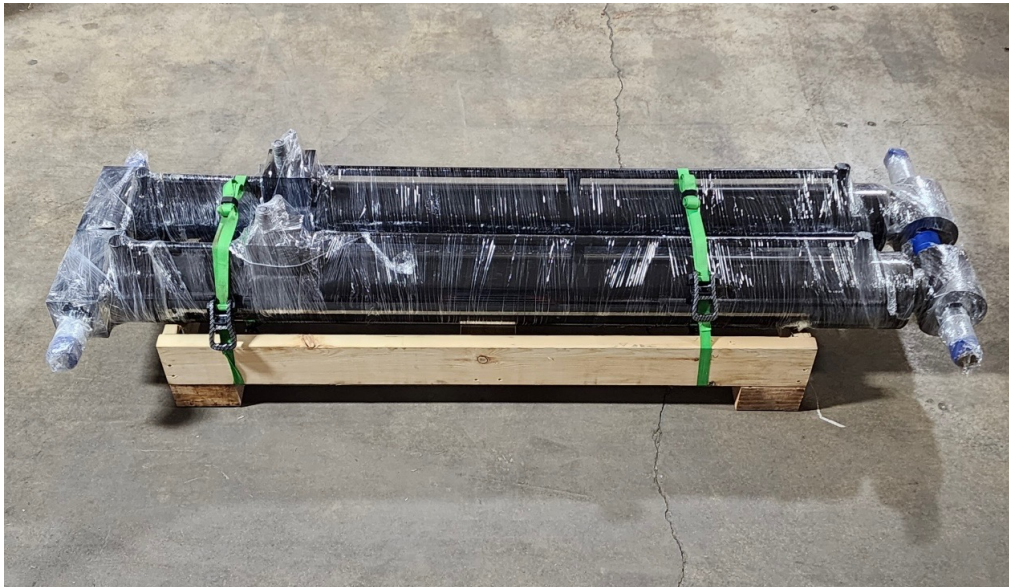


Follow the installation steps below;

- Fully assemble foundation
- Torque bolts to specification
- Add required ballast to ballast trays
- Anchor first pole section to king post
- Connect hoses to ram (1)
- Pin ram to bottom bracket (2)
- Pin second pole section to form a hinge
- Leave pole in horizontal position and pin top of ram (3)
- Connect hoses to power unit and start unit (4)
- Raise first pole section to ensure ram is operating properly and anchor bolts aligned with base flange (5)
- Lower pole and complete assembly of pole
- After pole is raised, add top nuts to top of pole base flange (6)
- Remove ram and pins from pole
- Use nuts to level pole

Packaging / Shipping

Both rams and power unit are shipped strapped on pallets and shrink wrapped.



50T Rams: L96" x W40" x H20" 2100 pounds (2 rams)

65T Rams: L87.25" x W15" x H10" 2400 pounds (2 rams)



L45" x W35" x H45", 310 pounds

Notes

- Do not use any other power units with ARE rams. ARE rams should only be used with ARE power units.
- Do not overload pole to exceed ram capacity.

Troubleshooting

Ram

- Using a 22mm wrench, turn counter clockwise 3/4 turn, or until pressure is released
- Make connection, then tighten

Maintenance Guide

Ram

- Store ram system in a safe and dry place away from moisture
- Inspect lubrication regularly
- Keep oils clean and uncontaminated
- Regularly check cylinder and rod for corrosion and uneven wear. This indicates dampness or moisture
- Rams are to be operated every month
- Rams should be stored in a vertical position or rotated 180 degrees every 3 months

Maintenance Guide

Power Unit

- Store system in a safe and dry place away from moisture
- Maintain hydraulic fluid levels

