



ReachMaster ReachMaster Falcon FS105



Photo: ReachMaster Falcon

When you need considerable work height combined with limited or narrow access and maybe even surface pressure restrictions, *nothing* outperforms the *new* Falcon series from **REACHMASTER**. In a field dominated by traditional boom lifts, the Falcon series sets a new standard for compact, flexible and light aerial work platform design. Now available in 11 models from 75 - 155 ft, the all-new *Falcon FS105* is the latest lift in the series, reaching a stunning 105 ft work height. And still capable of passing through a door opening a mere 2.6 feet wide and 6.6 feet high.

Once again positioning itself as the technological market leader, the Falcon FS series is the first and only compact lift to be equipped with a new *double* 20 ft jib (2 x 10 ft) and optional automatic setting of outriggers. The lift can be driven in folded position from the basket as well as outriggers can be set automatically, also from the basket.

The new design is not only elegant, but also makes it the most user-friendly and safe unit in its class. Standard features include our world-renowned, automatic safety- and stability system, which provides maximum safety as well as our unique multi-position outrigger system, which allows for set-up on uneven surfaces.

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Technical data ReachMaster Falcon FS105

Standard equipment

Working height:	105 feet
Basket height:	99 feet
Turret rotation:	375°
Double jib arm:	2x180°
Jib arm (2x3 m.):	20 ft
Basket (aluminium):	(W x L : 2.6 ft x 4.2 ft)
Basket load:	440 lbs
Rotating basket (optional)	2x90°

Measurements (Transport position):

Total height:	6.5 feet
Total length:	22,9 feet
Total width:	2,6 feet
Gradability (standard drive):	5°/10%*
Weight approx.	8.700 lbs*

* Depending on optional equipment.

Standard performance and features

- Access through 2.6 ft wide x 6.6 ft high door openings.
- Working height up to 105 ft.
- 110V chargable battery power system.
- Self-propelled electro hydraulic drive system, operational from pedestrian handle.
- Full hydraulic jib arm system with individual movements. The two jibarms ensures maximum flexibility to enable working over, below, and behind obstacles.
- 375° turret rotation, with integrated stop.
- Individual setting of outriggers controlled by hydraulic valve.
- The hydraulic/manual outriggers can be leveled on a slope of 8,5°.
- Due to it's unique outrigger design, the ReachMaster Falcon can self-load onto trucks or trailers.
- 200° double jib arm (20 ft.)
- Proportional control of all functions via joysticks, operated from inside the basket.
- Automatic safety and stability system.
- Electronic checking of the power system.
- Manual pump system for lowering the basket in case of emergency.

Optional equipment

For customers with special wishes a wide range of options are available

- Electrical automatic outrigger setting up of the ReachMaster Falcon from basket.
- Chassis steering from inside basket.
- Petrol (low noise) generator (2600W), enables you to work without a 110V mains power supply.
- 2x90° hydraulic rotating basket.
- 2-wheel drive system (Gradability up to 10°/18%).
- 3-wheel drive system (Gradability up to 15°/26%)(min. width 3 ft).
- 360° continuous turret rotation.
- Outriggers with knee joint.
- 110 V power supply in the basket.
- Diesel-powered system for both lift and chassis movements.
- Special colour according to customer request.
- Twin wheel for low ground pressure allows driving on sensitive floorings such as marble.
- White non-marking tyres.
- Basket in various sizes (WxL: 2.6 x 2.6 or 2.6 x 6.6 ft).

Reach diagram ReachMaster Falcon FS105

