

STANLEY[®]

LaBounty[®]



F16 Remote Controlled Demolition Robot

F16 - THE COMPLETE SOLUTION



Boasting the **highest power to weight ratio** and **smallest overall package** size of any remote controlled demolition machine, the F16 is ready to tackle your most demanding jobs. This offers a package with one of the lightest ground pressures of any package available in this class, yet allows a hydraulic demolition hammer or concrete cracker with unparalleled power. Ideal for buildings where sensitive floors cannot support the weight of other machines. Add to this the feature of a removable upper boom for even further compactness and weight reduction for transport on small elevators makes this package hard to beat.

Stanley LaBounty's F16 is the complete solution for precise demolition and construction work, the new F16 is a remote operated, electrically driven hydraulic carrier. For the first time, precise demolition and construction contractors can now operate the entire range of Stanley LaBounty mounted attachments, including grapples, shears, crackers, buckets, and the largest impact breaker in the market segment – the Stanley MB356, the largest breaker in its class for this size of carrier, in fact it is larger than any competitive breaker offered on remotely operated device from a safe, comfortable location.

Handheld Hydraulic Tools – diamond chain saws, breakers, chipping hammers are a few of over 120 different tools that can be powered from an exclusive hydraulic circuit. This allows the contractor to simultaneously operate the entire lineup out in the field. The Stanley LaBounty F16 is the industry's leading choice when it comes to Mill maintenance, Kiln repair & refractory, mining and other precise construction/demolition work.



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F16 - FEATURES AND SPECIFICATIONS

- **The Only True 360° Continuous Movement of Boom Assembly.**
- **Lowest Center of Gravity Providing Superior Stability.**
- **The Widest Attachment Offering.**
- **Highest Power to Weight Ratio** – Accommodates for larger attachments without sacrificing stability.
- **Separate Upper and Lower Carriage** – Allows the boom and carrier to detach separately for even more compactness in transport.
- **Self Leveling Outriggers** – Ensures better stability and quicker positioning.
- **Telescopic Boom** – Allows for greater reach yet retraction for compactness.
- **Lightest Weight** – Weighs less than 20% of the nearest competitor.
- **Pre-wired On Board Diagnostics** – Allows for immediate on-site trouble shooting / adjustments.



SPECIFICATIONS:

Floor Pressure	78 psi / 5.3 bar	Overall Height	61.2 in / 155 cm
Tracking Speed	1.7 mph / 2.8 kph	Radio Signal Length	900 ft / 274 m
Working Rotation	360 degree continuous	Motor Output	25 hp / 18.6 kw
Max Tool Weight	551 lbs / 250 kg	Voltage	420 Volts 60 amps
Incline Angle Max.	30 degrees	Start	Smooth Start
Reach Vertical	197 in / 500 cm	Hydraulic Capacity	14.5 gal / 55 litre
Weight	3,417 lbs / 1549 kg	Pressure	2,000 – 4,500 psi / 250 – 310 bar
Overall Length	86.6 in / 219 cm	Pump Flow	17 gpm / 65 lpm
Overall Width	31.3 in / 78 cm		

F16 - ATTACHMENTS AND OPTIONS

ATTACHMENTS

- Shears
- Crackers / Concrete Pulverisors
- Breakers
- Drop Hammers
- Grapples
- 120 Different Hydraulic Hand Held Tools



OPTIONS:

Service Display	Allows for remote or onboard diagnostics
Remote Camera	Ideal for remote operation in sensitive applications
Tool Rack	Allows for rapid on site attachment exchange



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