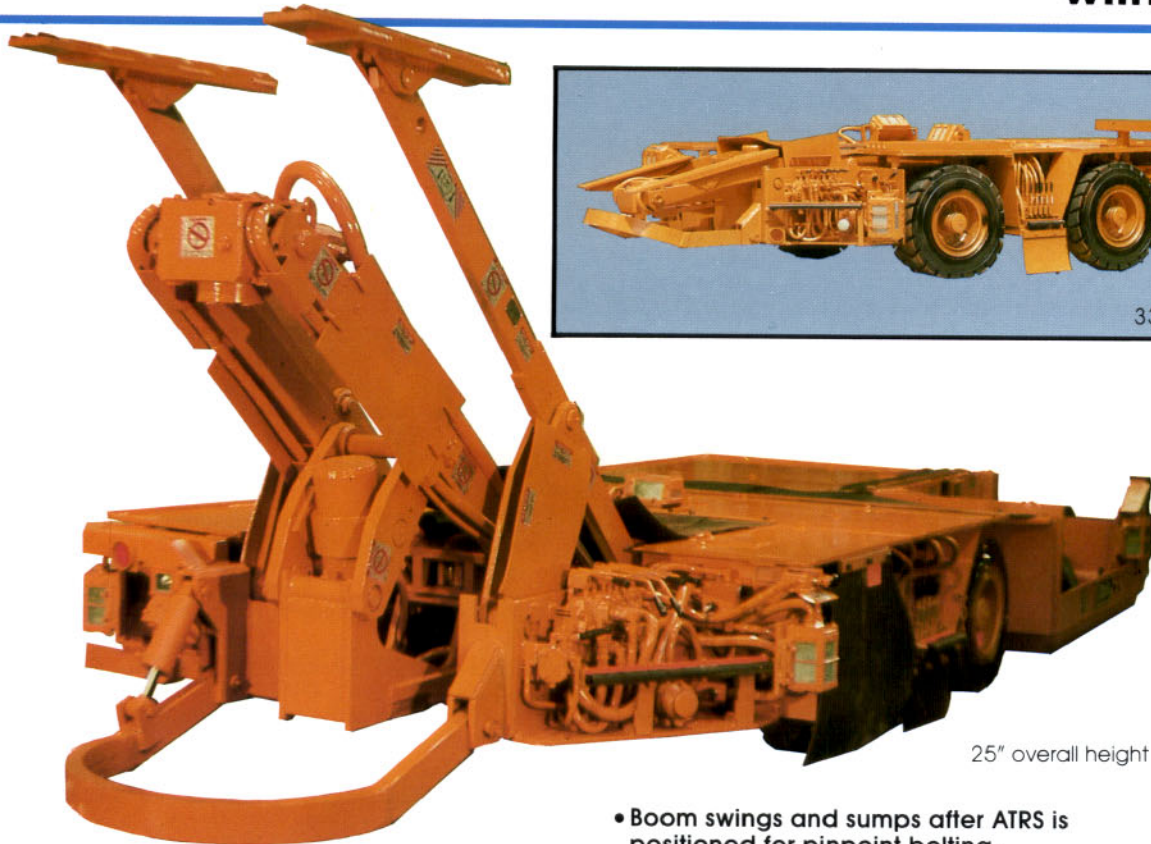


FLETCHER

Model LTDO

Single Head Roof Bolter with ATRS



- Boom swings and sumps after ATRS is positioned for pinpoint bolting.
- Bolts in seams as low as 28".
- Automated Temporary Roof Support System (ATRS).

Fletcher Model LTDO with Automated Temporary Roof Support is designed for high reliability and efficiency in low to medium seam heights.

Heavy-duty four-wheel or optional crawler drive provide dependable tramming under all bottom conditions.

Standard Equipment:

Automated Temporary Roof Support (ATRS)
Automatic Disc Brakes
Approved Dust Collection System
Four-Wheel Drive
In-Line Hydraulic Filters
JIC or Male Pipe Fittings
Bolt Torquing Circuit
Cable Reel
Panic Bars
Positioning Controls
Approved Lighting System

Features:

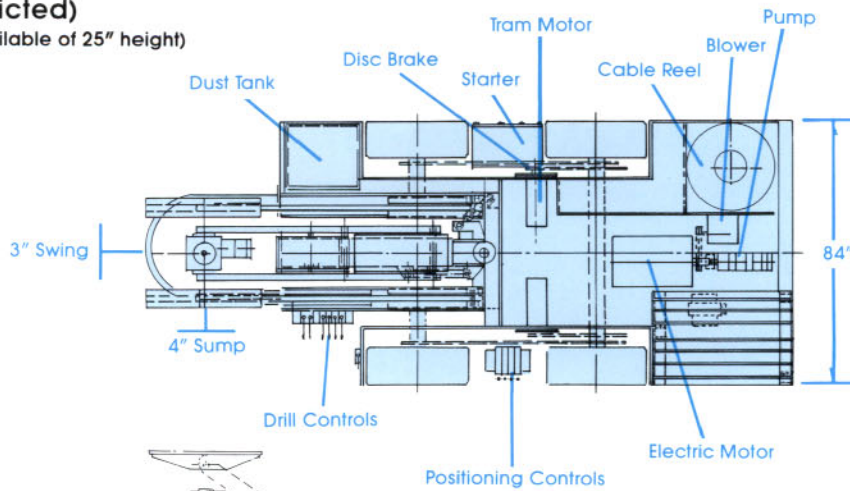
Boom Swing	3" (both sides)	76 mm
Boom Sump	4" (fore & aft)	102 mm
Overall Length	198.5" (25" height)	5042 mm
	203" (33" height)	5156 mm
Overall Width	84" (33" height)	2134 mm
Overall Tram Height	25"-33"	635-838 mm
Ground Clearance	6" (25" height)	152 mm
	9" (33" height)	229 mm
Weight	15,310 lbs.	6945 kg

Model LTDO with ATRS

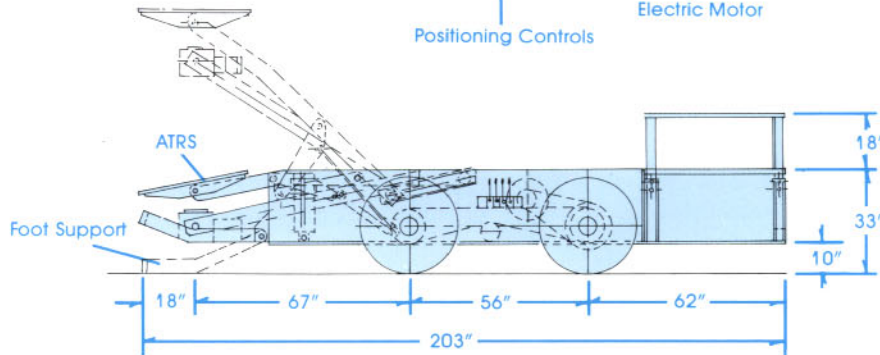
(33" height depicted)

(separate drawing available of 25" height)

Plan View



Elevation View



General Specifications:

ELECTRICAL SYSTEM: U.S.B.M. permissible 40-hp AC or 28-hp DC motor; panic bars with start switches at all control stations.

DUST COLLECTION SYSTEM: approved internal (through drill steel); blower—rotary lobe type, 62 cfm; vacuum at drill head—10-12" Hg.

HYDRAULIC SYSTEM: max. working pressure—2,500 psi; tank capacity—80 U.S. gallons; filtration—magnetic in-tank, Schroeder return line; hand-operated fill pump; hose fittings—JIC or male pipe.

DRIVE SYSTEM: 4-wheel chain drive; tractor-type steering; turns within length; Char-Lynn 10,000 series motors; automatic spring-set, hydraulic-release disc brakes; tram speed—0-1.5 mph; pneumatic tires—24-12x12 (25" height) and 12.1x15x32 (33" height).

DRILLING SYSTEM: continuous feed length—72" (33" height) or 60" (25" height); thrust—0-10,000 lbs.; torque—0-300 ft. lbs.; rotation speed—0-560 rpm; feed rate—0-30 fpm; adjustable bolt torquing valve; boom sump—4" fore and aft; boom swing—3" either side.

SAFETY SYSTEM: ATRS roof support with positioning controls. ATRS reach: 93" (33" height) or 78" (25" height). MSHA-approved illumination system.

Fletcher Options:

Model LTDO can be equipped with a variety of options for specific drilling applications:

- downhole drilling attachment
- rockduster
- headlights
- hydraulic flow meters
- rear chassis lift
- rotary impact
- hydraulic power takeoff
- dry chemical fire control
- crawler tramming
- floating deck
- remote control tram
- automatic drilling controls
- stecko-type fittings
- foam-filled tires
- high performance blower

Specifically engineered for each customer's needs.



J. H. FLETCHER & CO.
BOX 2187
HUNTINGTON, WV 25722-2187
304/525-7811 FAX: 304/525-3770

J.H. Fletcher & Co. cannot anticipate every mine hazard that may develop during use of this product. A roof control plan must be approved by MSHA before use of this equipment begins. Proper use, maintenance and the continued use of (OEM) original equipment parts will be essential for maximum operating results.

Bulletin No. LTDO-0489 REV 8/92

© 1986 J. H. Fletcher & Co.