

# Single-Boom Hydraulic Jumbo



## Vein Runner MTI-1XSB

The MTI XSB Series single-boom hydraulic rig designed for drilling vertical, horizontal and angled holes in underground production headings. It features one hydraulic percussion drifter and can drive headings 12 ft. by 12 ft. (3.66 m by 3.66 m). The CDJ-114N is a one-boom drilling rig designed to drill vertical, horizontal and angled holes for underground production headings. It supports one hydraulic percussion drifter and can drive headings 11 ft. by 12 ft. (3.35 m by 3.66 m).

### Standard Features

- Isuzu C240 diesel engine, 45 hp (34 kw), water cooled, catalytic exhaust purifier, dry element air cleaner
- Hydraulically driven Hamworthy axles, 2 speed drive motors, no-spin differentials, enclosed wet disc spring-apply park brakes
- 50 hp electric power pack driving pumps for percussion/rotation and a pressure compensated piston pump for feed/boom movements
- 12v negative ground engine electrics
- XSB boom for 14 square metres of coverage
- HC-40i Montabert drifter
- ACH-10EL Montabert aluminium feed (10 ft. (3.05 m) rod)
- 10 micron pressure and return filters
- Extendable front jacks
- Safety shut-downs for:
  - engine temperature
  - engine oil pressure
  - hydraulic oil temperature
  - hydraulic oil level
- Two 500 watt drill lights



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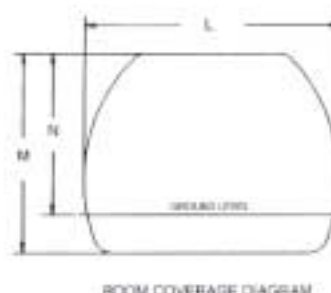
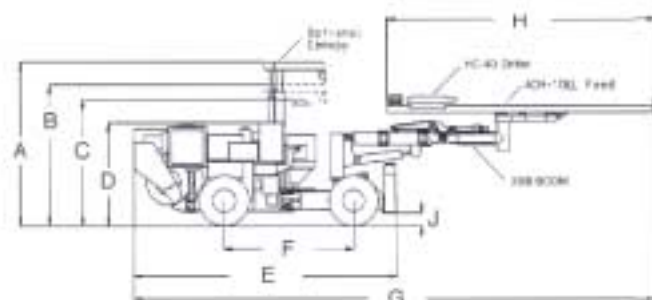
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# MTI-1XSB Technical Specifications

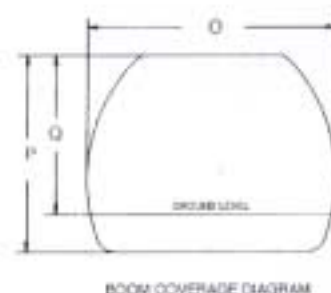
|                     |                                                               |
|---------------------|---------------------------------------------------------------|
| Weight:             | 14,000 lb. (6,364 kg)                                         |
| Articulation Angle: | 40 degrees                                                    |
| Gradeability:       | 25% (15°)                                                     |
| Turning Radius:     | Inside 6 ft. 7 in. (2.01 m)<br>Outside 11 ft. 11 in. (3.63 m) |
| Tire Size:          | 7.50 x 15                                                     |
| Tramming Speed:     | 4.5 mph (7.2 km/hr.)                                          |
| Width:              | 42 in. (1.06 m)                                               |

## Options

- Long hole option
- Deutz F3L 912W engine, 38hp (28 kw)
- 46 in. (1.16 m) overall width with 32 x 12 in. solid tires
- Boom parallelism
- Aluminium feed for rods up to 13 ft. (3.96 m)
- Fixed length and telescopic feeds
- Electric remote drill console
- Cable reel for 270 ft. (82 m) of cable
- Fire suppression system
- Automatic actuation for fire suppression system
- Operator's canopy
- Air compressor
- Water booster pump
- Rear leveling jacks
- large boom 20 m<sup>2</sup>, carrier width 48 in. with 32 x 12 in. solid tires



BOOM COVERAGE DIAGRAM



BOOM COVERAGE DIAGRAM

## VEIN RUNNER MTI-1XSB

| Dimensions | A     | B     | C       | D     | E          | F       | G       | H      | I     | J      | K      | L      | M      | N      | O      | P | Q |
|------------|-------|-------|---------|-------|------------|---------|---------|--------|-------|--------|--------|--------|--------|--------|--------|---|---|
| Imperial   | 8'-7" | 8'9"  | 79-3/4" | 65"   | 14'-1 1/4" | 82 3/4" | 30'-11" | 13'-9" | 9"    | 12'-3" | 12'-7" | 12'-4" | 13'-7" | 16'-7" | 14'-1" |   |   |
| Metric     | 2.62m | 2.26m | 2.02m   | 1.65m | 4.29m      | 2.10m   | 9.24m   | 4.19m  | 230mm | 3.7m   | 3.8m   | 3.76m  | 4.14m  | 5.05m  | 4.29m  |   |   |



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*All specifications, while accurate at time of publication, are subject to change without notice. Some features shown in photos and illustrations may be optional.*



Authorized Representative

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