

MEM 748

DOUBLE LONG TOM



FEATURES

- A cost effective solution was required to eliminate or reduce the following negative aspects of handheld drilling in trackless areas:
Hard physical labour on uneven terrain; High injury frequency, especially strains; Low productivity with inexperienced crews; Reduced pull due to hole misalignment.
- The Long Tom drilling system mounted on a rubber-tired mine carrier described here, solves all the above problems and offers low maintenance costs, safe operation and increased drilling achievement per manshift.
- Rail mounted systems on application

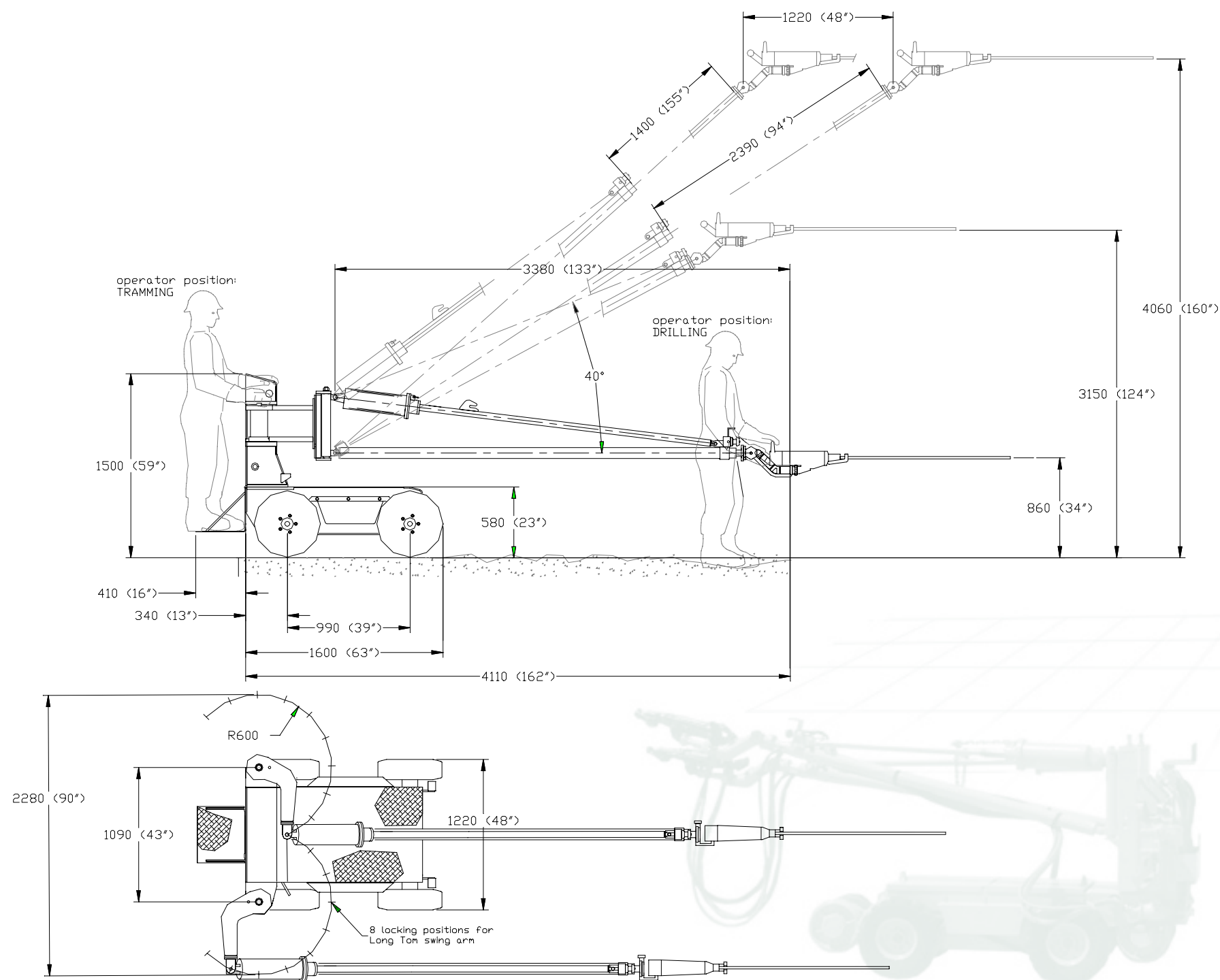
BENEFITS

- Removes physical effort when: lifting drill, collaring hole, maintaining alignment, moving from hole to hole, changing steel
- Easier and more accurate collaring
- Quicker movement from hole to hole
- Quicker changing of steel
- Drills a 1800mm hole in one pass
- Improves hole alignment
- Drills unattended once hole is deeper than 500 mm
- Eliminates air leg slippage
- Eliminates hazards due to steel breakage
- Pulls steel from hole under power
- Drills are permanently mounted and hosed up
- Unit drives to the face ready to drill
- Fully pneumatic with no hydraulics
- Simple air leg type maintenance

APPLICATIONS

- Sub-level development
- Drawpoint development
- Silling of stopes
- Mechanized undercut & fill
- Thin seam room & pillar
- Cut & tight fill mining
- Undercutting block caving
- Broken, friable or slip filled drilling

DOUBLE LONG TOM



4 WHEEL DRIVE

SKID STEER

AIR PROPELLED

Note: The manufacturer reserves the right to change the specifications or design of this machine at any time without notice.

FACTORY STANDARDS

COMPONENTS

LONG TOM AIR LEG

Double acting air feed
Fixed mounting
Air counter balance
Operating control group
Feed stroke 1800 - 2700 mm
Feed bore 76 mm
Rockdrill bore sizes to 95 mm

CARRIER

Air powered chain drive
Four wheel skid steer
Self braking
Solid rubber tires
Formed plate shell structure
Drive components and hoses enclosed
Speed 0-25m/min
Air consumption 6.8 m³/min @ 6.2 bar
Gradeability 15%
Stable in drilling mode without jacks

COVERAGE PATTERN

Holes parallel to long axis 2440 x 2440 mm
Normal perimeter holes 3350 x 2440 mm
Light staging for driller 3350 x 3660 mm

HANDLING SPECIFICATIONS

Shipping weight 1650 kg.
Shipping volume 5.0 m³
Breakdown size
Tower 609 mm x 1219 mm x 914 mm
Power unit . 1524 mm x 1219 mm x 609 mm
Booms 3352 mm x 305 mm x 609 mm

FACTORY OPTIONS

Third boom, centre-mounted
Rail-mounted configuration, towable
Extension platform for bolting
Adapters to suit customer drill type

* All options must be pre-approved by MEMCO

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