

# Directional Drilling Machine

This directional drilling machine is used for laying underground pipes and lines without destructing existing buildings. Its compact design allows for operation in confined spaces.



## ADDITIONAL IMAGES



## Overview

### Precision Directional Drilling

The Directional Drilling Machine is engineered for high-accuracy horizontal drilling applications, offering robust hydraulic power and precise steering capabilities. Its compact design facilitates operation in confined spaces, while durable construction ensures reliable performance for utility installation, pipeline construction, and geological exploration. The system features advanced control parameters and a multi-stage power pack to meet demanding industrial requirements.

## Performance Metrics

### Key Performance Indicators

**300 m**

Max Draw Back Length

**400 mm**

Max Draw Back Diameter

**37 kW**

Power

### Force Specifications

- Max Feed Force: 89 KN
- Max Draw Back Force: 120 KN

## Operational Capabilities

### Top-Head Speeds

Series	Speed (r/min)
Series I	0-100
Series II	0-33

### Top-Head Torque

Series	Torque (N.m)
Series I	1680
Series II	5000

## System Specifications

Hydraulic System Pressure	20 Mpa
Top-Head Feed Stroke	3300 mm

## Dimensions & Weight

Drill Body Dimensions	4900 x 1400 x 1255 mm
Drill Body Weight	1200 kg
Power Pack Dimensions	1555 x 1255 x 1355 mm
Power Pack Weight	700 kg