

# SWDM240W

## Technical parameters

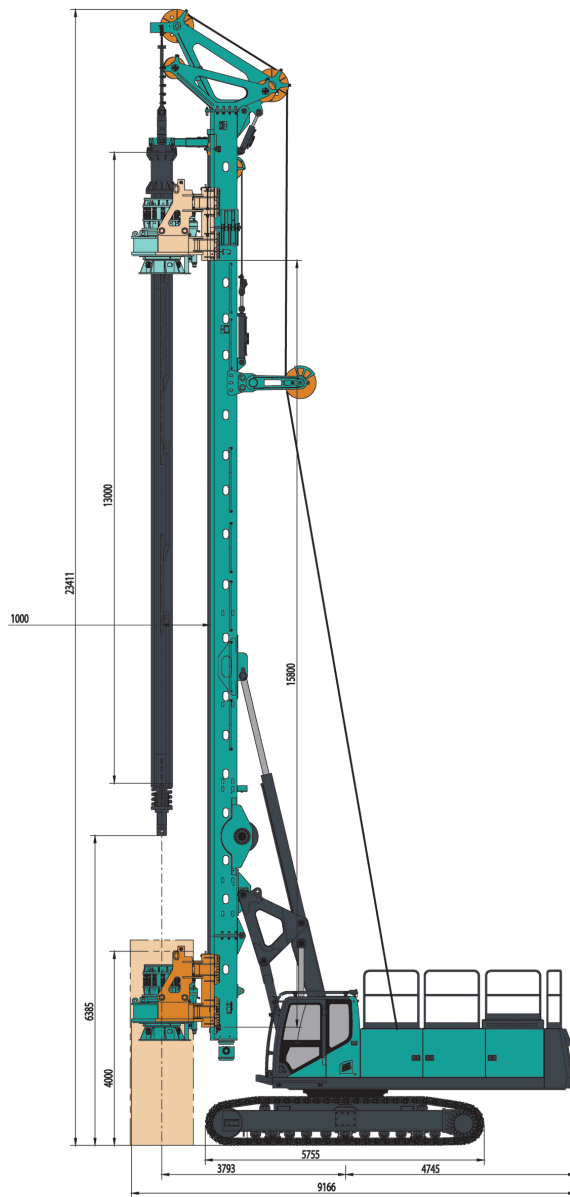
Drilling	
Max. diameter	1800mm
Max. depth	69m/54 m
Engine	
Brand	Cummins
Mode	X12
Rated power	277kW/2100rpm
Rotary	
Max torque (nominal)	248kN.m
Speed of rotation	6~2382rpm
Main Winch	
Max. pulling force	280kN
Max .line speed	72m/min
Rope diameter	32mm
Crowd	
Max pull down force	280kN
Max pull up force	280kN
Max stroke	15800mm
Auxiliary Winch	
Max. pulling force	80kN
Max .line speed	58m/min
Rope diameter	20mm
Drill Mast	
l nclination(L/R)	±5°
l nclination(F/R)	5°/90°
Chassis	
Crawler width	800mm
Crawler retractble width	3000-4500mm
Chassis length	5755mm
Complete Machine	
Operation height	23411mm
Transportation width	3000mm
Operation weight	78000kg

## Drill pipe parameters

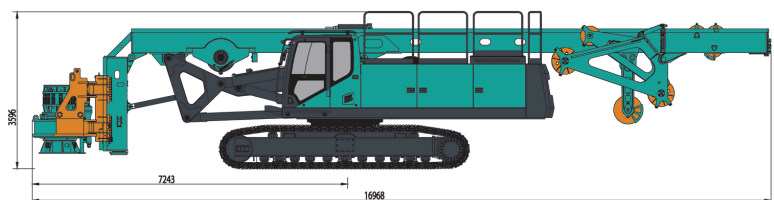
Kelly	Friction Kelly Bar	Hole depth (m)	Drill pipe weight (kg)	Remarks
Interlocking kelly	JS440-4X13m	46 m	9420	Recommend
Interlocking kelly	JS440-4X15m	54 m	10700	
Friction kelly	MZ440-5X15m	69 m	11900	

※Drill pipes of other speci cations can be customized.

Working state (unit: mm)



Transportation status(unit:mm)



# DRILLING RIG

## SWDM240W

- ◆ **Max. Drilling Diameter:** 1800mm
- ◆ **Operating Weight:** 78t
- ◆ **Rated Power:** 277kW\2100rpm

### ▶ Performances and Features

The SWDM240W - "all-round master"-delivers all-round superior performance and is excellent for drilling rocks and soil.

#### **All-in-1 machine**

Fully-cased Kelly drilling, FDP method.

#### **Fast and efficient**

Experience the pinnacle of speed and efficiency with our innovative Drilling Rigs.

- High-powered engine for unmatched performance.
- Large-displacement main pump and motor for optimal operation.
- Low fuel consumption, minimizing operational costs.
- High torque capability, ensuring superior drilling power.
- Impressive speed to enhance project efficiency.

#### **Highly Reliable**

Experience top-tier reliability with our cutting-edge Drilling Rigs.

- $\pi$ -type structure plug-in telescopic chassis for enhanced stability.
- Reinforced double movable arm lifting mechanism ensuring robust performance.
- Single-layer main winch ropes designed for full drilling depth, significantly extending service life.

#### **Easy maintenance**

The lower mast is equipped with a concealed telescopic outrigger, which assists in placing the casing and facilitates maintenance of the chassis.

