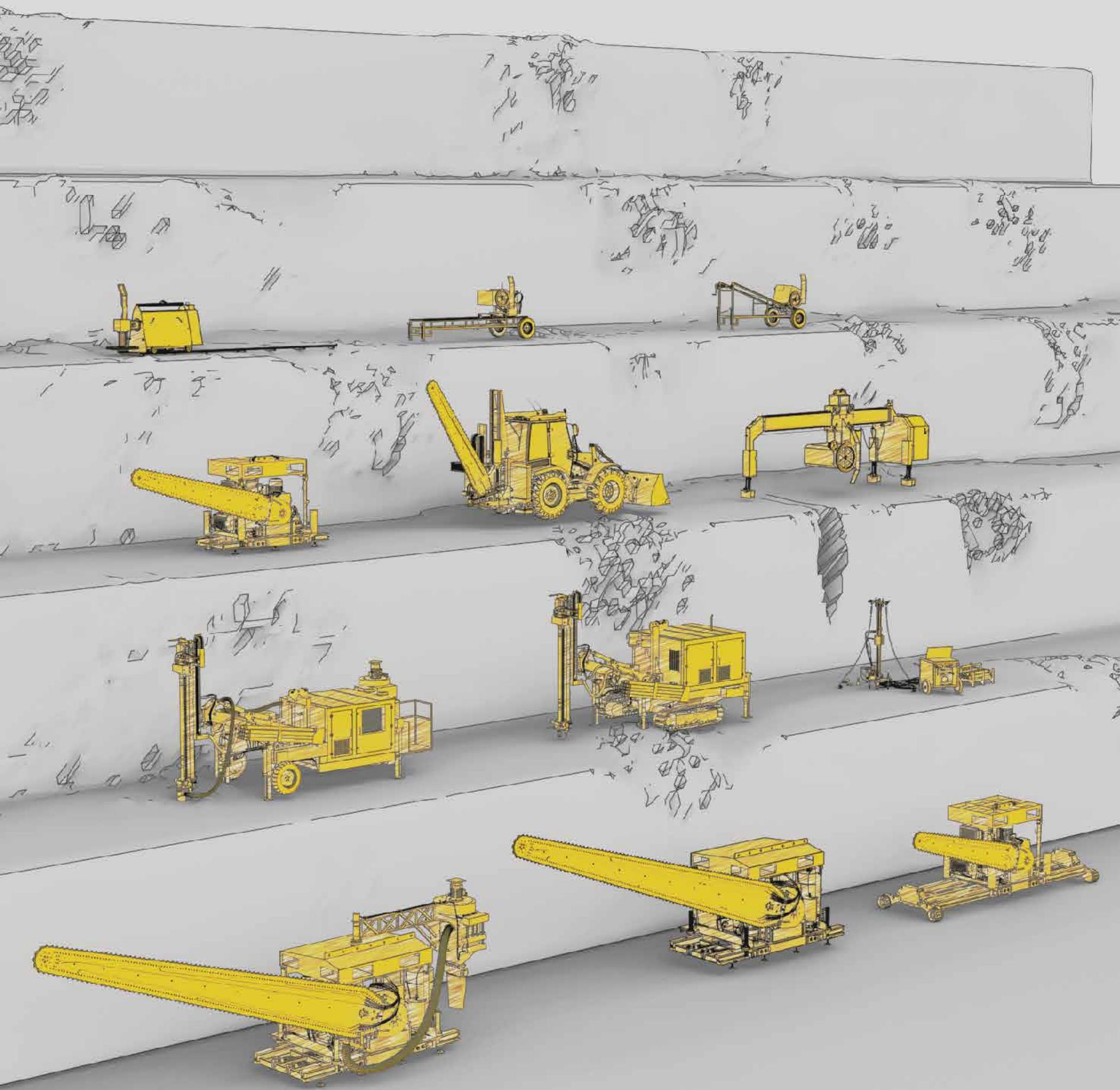


HİDROBARSAN®



HİDROBARSAN®



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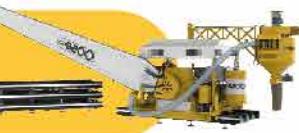
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HİDROBARSAN®

OUR QUALITY POLICY



"As **HİDROBARSAN®** MERMER MAKİNALARI SANAYİ TİCARET LİMİTED ŞİRKETİ;
We will comply with the quality management system and legislation requirements in the field of
"Machine Manufacturing and Sales", we will constantly improve its effectiveness, we will prioritize the quality,
environment, human health, and life safety in all the works we do and the raw materials we use, together with
our well-trained personnel, in order to be a sought-after organization in our sector, we are committed to
ensuring customer satisfaction, employee satisfaction and compliance with standards, and constantly
improving ourselves by keeping our quality at the highest level."

Adnan Kaçar
General Manager

WHAT WE VALUE



By maximizing employee motivation and loyalty, we are transforming into a special institution that everyone will want to work with, with flexible fringe benefits that make a difference among competing companies, offer special solutions to the needs of employees, and add value to the brand culture.

By giving importance to women, we make room for women's employment.

We care about our future world and we carry our company to innovation every day with renewable energy sources.

HİDROBARSAN Marble Machines Offers Solutions With *advanced technology*

About Us

HİDROBARSAN® was established in 2000, with the name of HIDROBAR in Denizli. Since our establishment we have become one of the largest marble machine manufacturers in the world by constantly developing.

In the years we were founded, we started to serve in the fields of industrial and mobile hydraulics. In 2003, we first entered the marble sector by producing the **Separator (Titano)** machine.

We continued our journey with machines such as **Ramp Type Block Sizing Machine**, **Hydraulic Drilling Machine** and **Diamond Wire Saw Machine**.

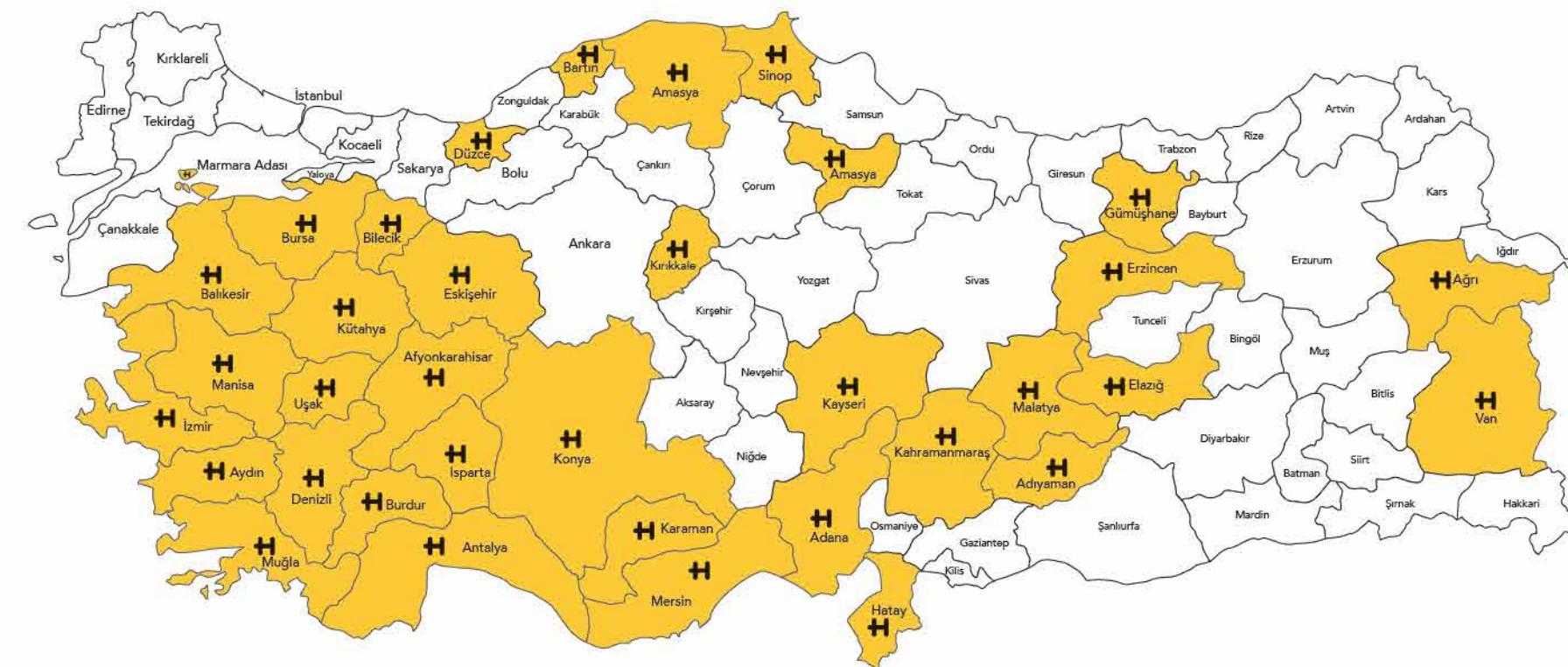
In order to produce the machines of the future, **HIDROBARSAN®** family, we continue to work with our increasing passion every day, in line with our company principles by producing new products and new solutions.



In 2006, we changed our company name from "HİDROBAR" to **HİDROBARSAN® MERMER MAKİNALARI SANAYİ TİCARET LİMİTED ŞİRKET**

We continue our activities in our own production facility to produce new machines and projects in a total area of **16.000 m²**, **6000 m²** of which is a closed area and **10.000 m²** of which is an open area, in **Hacıeyüplü location in Denizli, Turkey**.

We have achieved our success with our innovative structure and customer satisfaction-oriented approach that we have maintained since the day we were founded.



With Numerous Mining Experiences **HİDROBARSAN®** Is Always With You!

Meet Hidrobarsan Mermer Makineleri with new generation TECHNOLOGIES

HİDROBARSAN®



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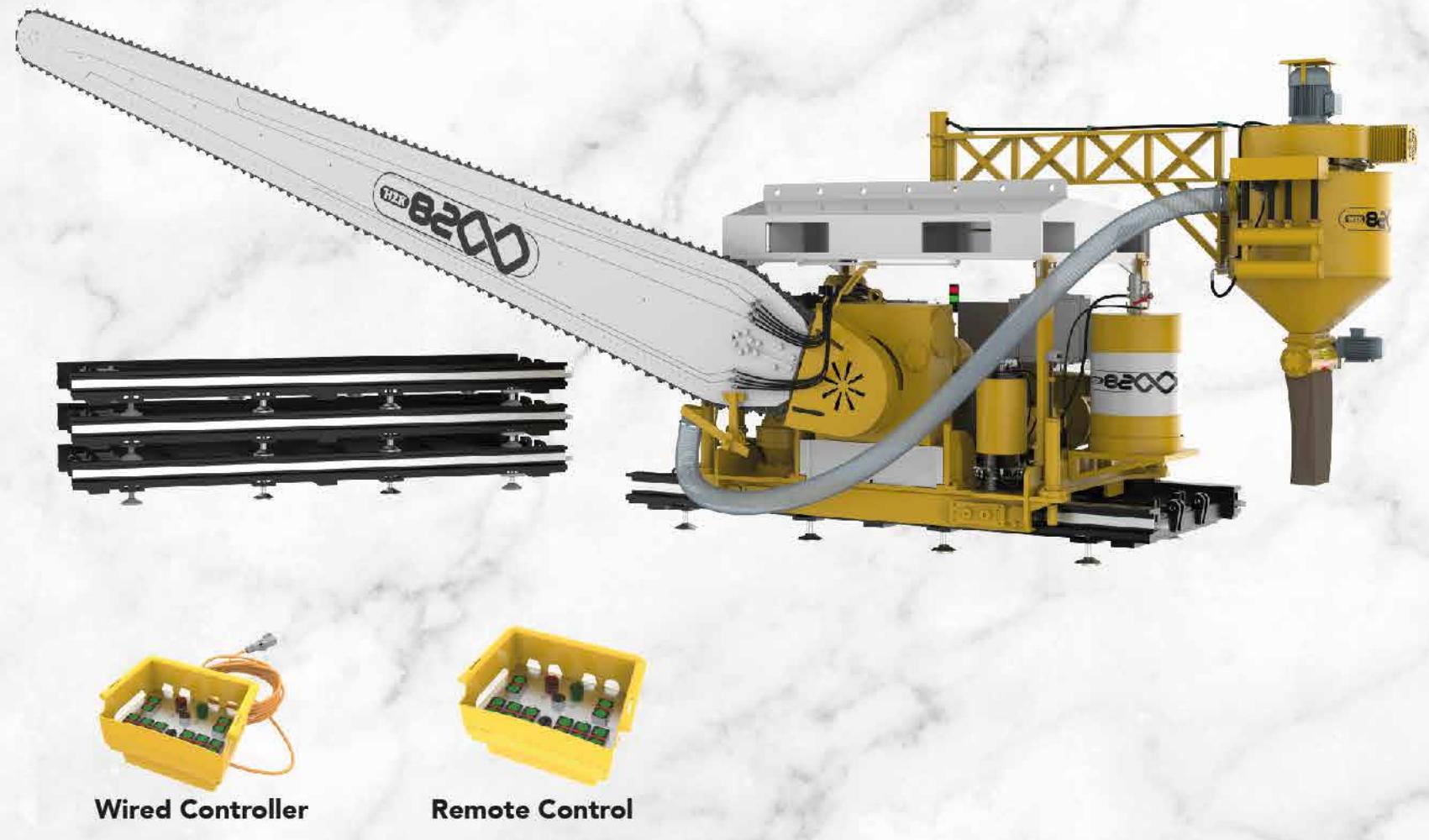
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HZK8200

CHAIN SAW MACHINE



Technical Specifications



Electrical Motor Total Power: 66 kW
Chain Rotation Speed: 0 - 60 m/dk
Useful Cutting Depth: 7000 mm
Angle of Cutting: 70°



Cutting Speed: 7 - 14 h
Width of Cut: 38 mm
Arm Rotation: 360°
Oil Tank Capacity: 180 L
Grease Tank Capacity: 30 L



Forklift Transport

Thus, it provides easy transportation even in tight spaces. Thanks to the new roof system, it offers the possibility of carrying from 4 side and above the machine.

We have the right to make changes to the design and dimensions.

Dust Collector System That Eliminates
MARBLE DUSTS!

- Operator Friendly Working Environment ,
- With The Shovel, Labor is Eliminated,
- Clean Air Area,
- Less Maintenance Cost,
- Long - Lasting Filter,
- Environmental health is At The Forefront,
- Great Advantage in Grease Consumption.

HORIZONTAL CUTTING MODE

- Optionally, horizontal cutting can be done with a short blade.

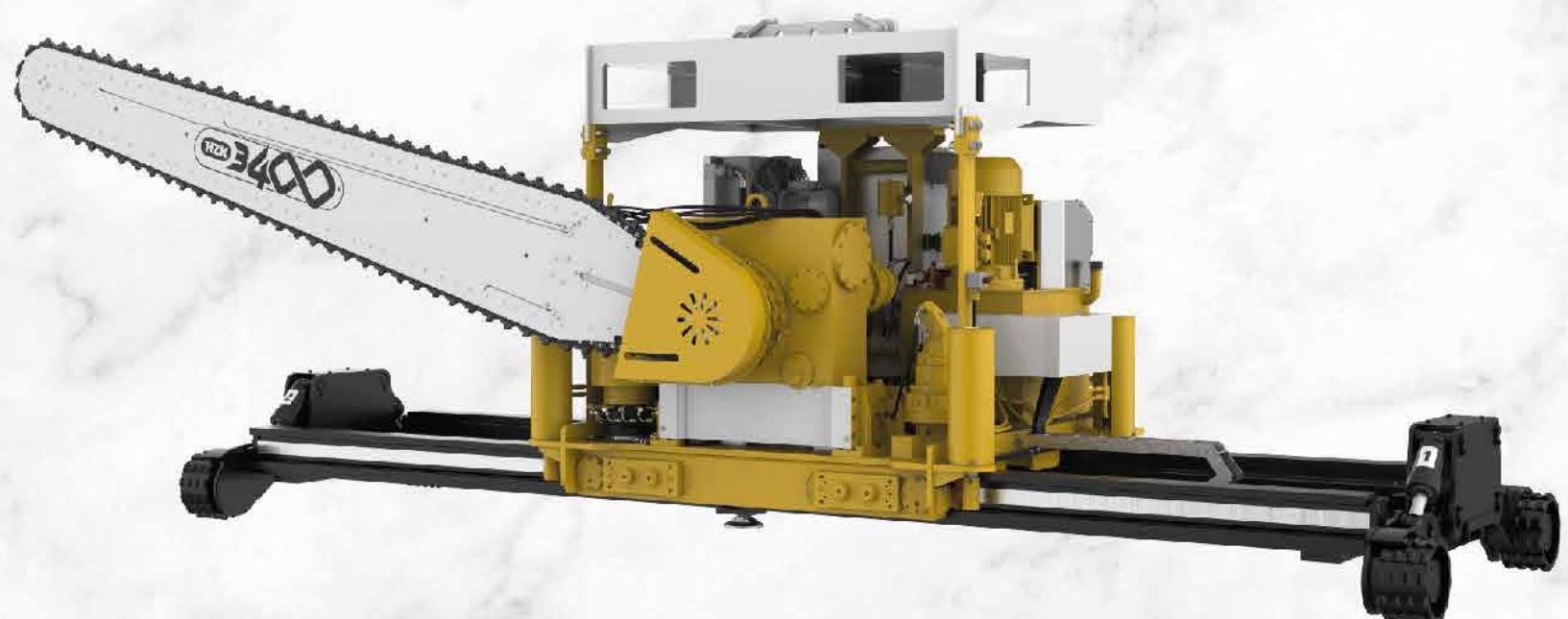


AUTOMATICALLY DIVING SYSTEM



HZK3400 CRAB

CHAIN SAW MACHINE

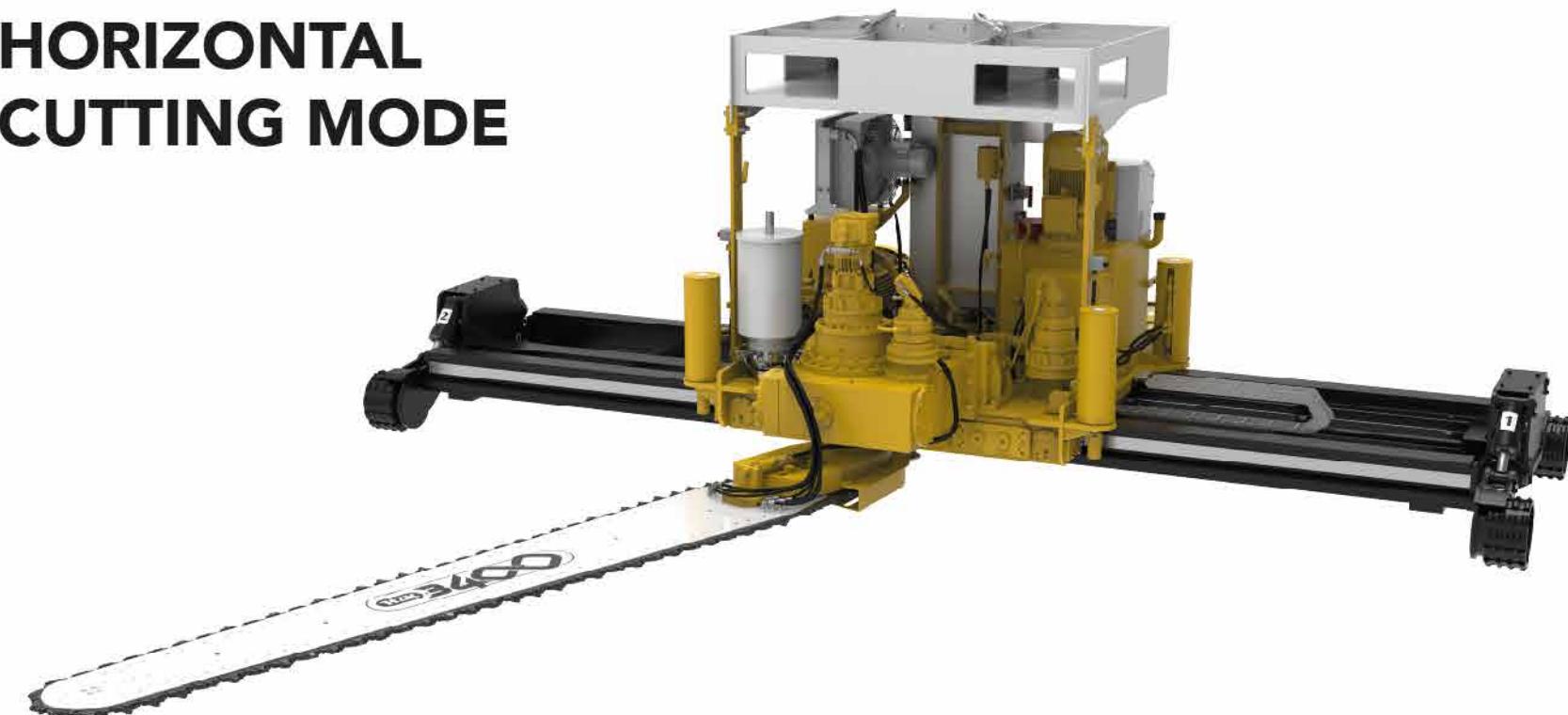


Wired Controller



Remote Control

HORIZONTAL CUTTING MODE



AUTOMATICALLY DIVING SYSTEM

Technical Specifications



Electrical Motor Total Power: 48 kW
Chain Rotation Speed: 0 - 45 m/min
Useful Cutting Depth: 3000 mm
Angle of Cutting: 70°



Cutting Rotation: Horizontal and Vertical
Chain Power Transfer: Closed Circuit Hydraulic System Control: Hydraulic



Cutting Speed: 7 - 12 m²/h
Width of Cut: 38 mm
Arm Rotation: 360°
Moving Speed: 2 km/h
Oil Tank Capacity: 180 L
Grease Tank Capacity: 30 L



Reil Length: 3250 mm
Width: 1800 mm
Length: 6090 mm
Height: 2240 mm
Weight: ~8200 kgs



Forklift Transport

Thus, it provides easy transportation even in tight spaces. Thanks to the new roof system, it offers the possibility of carrying from 4 side and above the machine.



VERTICAL CUTTING MODE

HZK3400

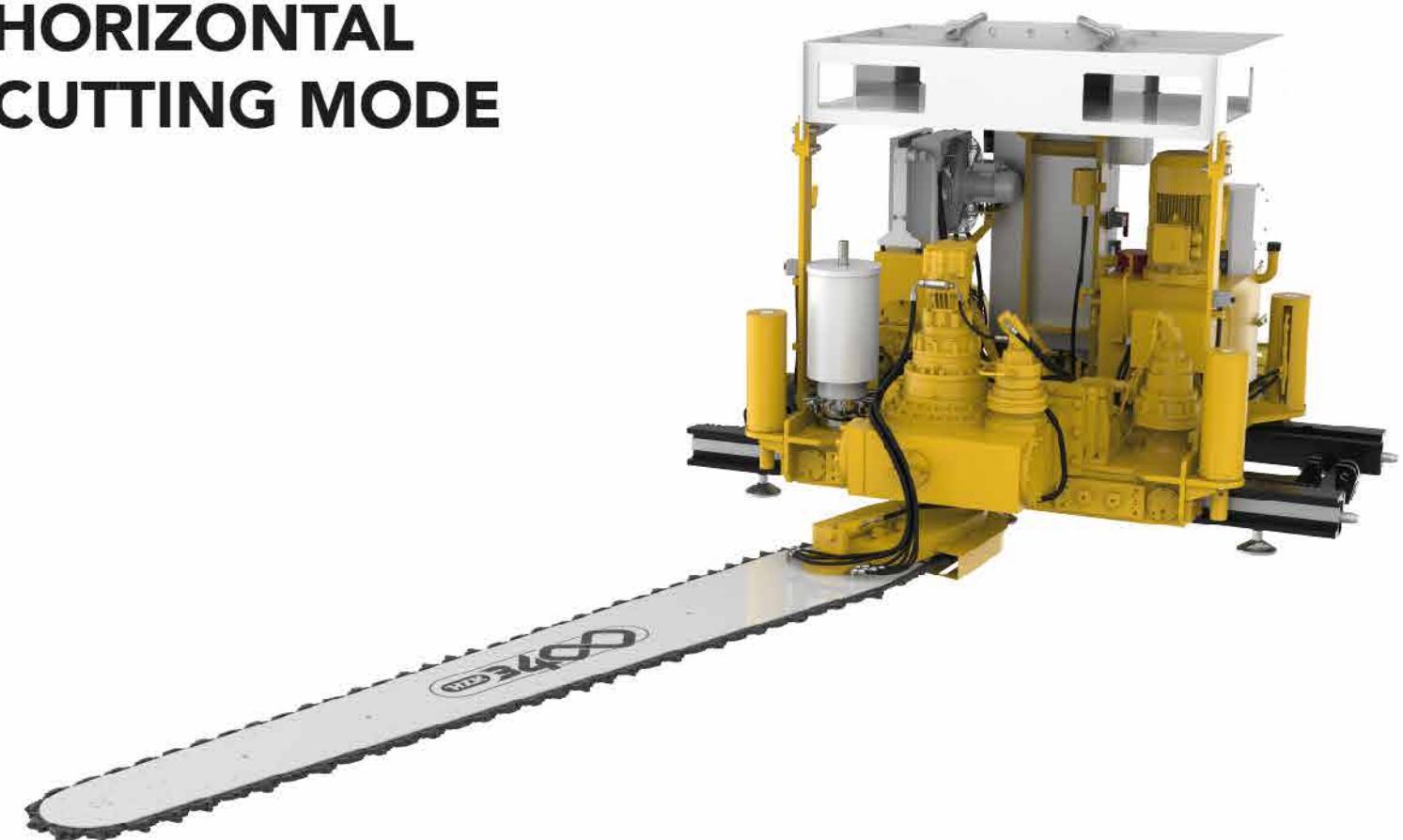
CHAIN SAW MACHINE



Wired Controller

Remote Control

HORIZONTAL CUTTING MODE



AUTOMATICALLY DIVING SYSTEM

Technical Specifications



Electrical Motor Total Power: 48 kW
Chain Rotation Speed: 0 - 45 m/min
Useful Cutting Depth: 3000 mm
Angle of Cutting: 70°



Cutting Speed: 7 - 12 m²/h
Width of Cut: 38 mm
Arm Rotation: 360°
Oil Tank Capacity: 180 L
Grease Tank Capacity: 30 L



Forklift Transport

Thus, it provides easy transportation even in tight spaces. Thanks to the new roof system, it offers the possibility of carrying from 4 side and above the machine.



Cutting Rotation: Horizontal and Vertical
Chain Power Transfer: Closed Circuit Hydraulic System Control: Hydraulic



Rail Length: 3 Meters (3 Pieces)
Width: 1800 mm
Length: 4550 mm
Height: 2240 mm
Weight: ~6680 kgs



VERTICAL CUTTING MODE

HZK3400-M

MOBILE CHAIN SAW



Technical Specifications

Main Motor: 75 kW
Maximum Cutting Height: 5500 mm
Rail Horizontal Stroke: 2000 mm
Useful Cutting Length: 3000 mm
Width of Cut: 28 mm

Angle of Cutting: 90°
Cutting Speed: 7 - 12 m²/h
Chain Rotation Speed: 0 - 45 m/min
Arm Rotation: 110°
Grease Tank Capacity: 12 L

Cutting Equipment Weight: ~2500 kgs

Cutting Rotation: Vertical
Chain Power Transfer: Hydraulic
System Control: Hydraulic

Vertical Rail Length: 3300 mm
Horizontal Rail Length: 2800 mm
Width: 2800 mm
Length: 1200 mm
Height: 4500 mm

108T

HYDRAULIC DRILLING



Technical Specifications

Electrical Motor: 11 kW
Drilling Speed: 6 - 10 m/h
Hole Diameter: 90 mm

Pipe length (Stem): 1 m(15 Pieces)
Hydraulic Unit Width: 1000 mm
Hydraulic Unit Length: 1330 mm
Hydraulic Unit Height: 895 mm
Tower Width: 1000 mm
Tower Length: 1330 mm
Tower Height: 895 mm

Work Position: Horizontal and Vertical

Long-Lasting Use Pipe

Pipe prevents wear thanks to its increased hardness for long-lasting use of pipe adapters.



High Performance
DTH Hammer (Speed Drill)
It saves both energy and time by providing faster hole drilling with less air power.

Y328

MOBILE DRILLING



VERTICAL DRILLING MODE

Technical Specifications

Electrical Motor: 75 kW,
Diesel Motor: 47 HP (Yanmar or Perkins)
(Euro State III or Euro State V)
 Hydraulic Pump: Piston Type
Moving: 3 Wheel Drive

Pipe length (Stem): 2 m (15 Pieces)
Air Pressure: 8 - 10 bar
(The compressor is specially manufactured by "Tamsan" brand)
Drilling Speed: 14 - 18 m/h
Air Flow: 5 m³/min

Width: 2200 mm
Length: 6950 mm
Height: 2090 mm

Drilling Rotation: Horizontal and Vertical 220°
Hole Diameter: 90 mm
Steering Type: Joystick

Accessories
Pipe (Stem): 15 Pieces
Fixing Chain: 2 Pieces
Pipe Wrench: 2 Pieces
Extension Elect. Cable: 1 Piece (5X125A)
Centering Tip (long type): 1 Piece
24 Combine Wrench: 1 Piece

Weight: ~7750 kgs

Dust Collector System That Eliminates MARBLE DUSTS!

- Operator friendly working environment , • Long - Lasting Filter,
- Clean Air Area, • Environmental Health is At The Forefront.
- Less Maintenance Cost,



HORIZONTAL DRILLING MODE



Operator's Cab

The new system provides to operator more safety and control comfort with the motion control system.



Slide and Boom

With the ability to extend and shorten the slide section and to the right and left mobility, and the boom section; it provides easy centering by taking the machine to the balance without moving it.



Diesel Motor

Thanks to its 47 HP diesel engine, it can easily move at higher slopes and in difficult terrain conditions.



Compressor

Both the air and hydraulic system work more strongly with a single-engine, providing full performance and lighter.



5.5 cm
Close to ground performance



Pipe
It prevents wear thanks to its increased hardness for the long-lasting use of pipe adapters.

Y327

MOBILE DRILLING



VERTICAL DRILLING MODE

Technical Specifications

 Electrical Motor: 75 kW
Diesel Engine: 47 HP(Yanmar or Perkins)
(Euro State III or Euro State V)
Hydraulic Pump: Piston Type
Moving: Tracked

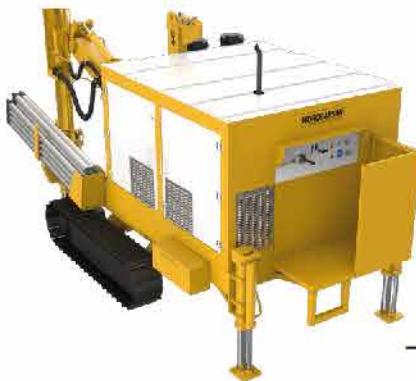
 Pipe Length (Stem): 2 m (15 Pieces)
Air Pressure: 8 - 10 bar
(The compressor is specially manufactured by "Tamsan" brand)
Drilling Speed: 14 - 18 m/h
Air Flow: 5 m³/min

 Width: 2200 mm
Length: 6800 mm
Height: 2090 mm

 Drilling Rotation: Horizontal and Vertical 360°
Hole Diameter: 90 mm
Steering Type: Joystick

 Accessories
Pipe (Stem): 15 Pieces
Fixing Chain: 2 Pieces
Pipe Wrench: 2 Pieces
Extension Elect. Cable: 1 Piece
(5X125A)
Centering Tip (Long Type): 1 Piece
24 Combine Wrench: 1 Piece

 Weight: ~6750 kgs



Operator's Cab

The new system provides to operator more safety and control comfort with the motion control system.



Pipe

It prevents wear thanks to its increased hardness for the long-lasting use of pipe adapters.



Slide and Boom

With the ability to extend and shorten the slide section and to the right and left mobility, and the boom section; it provides easy centering by taking the machine to the balance without moving it.



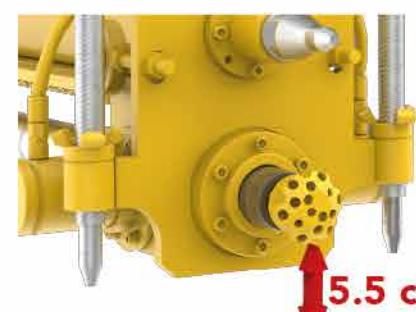
Diesel Motor

Thanks to its 47 HP diesel engine, it can easily move at higher slopes and in difficult terrain conditions.



Hydraulic Clamp System

It has a hydraulic clamp system to facilitate pipe disassembly and installation.



5.5 cm

Close to ground performance



Compressor

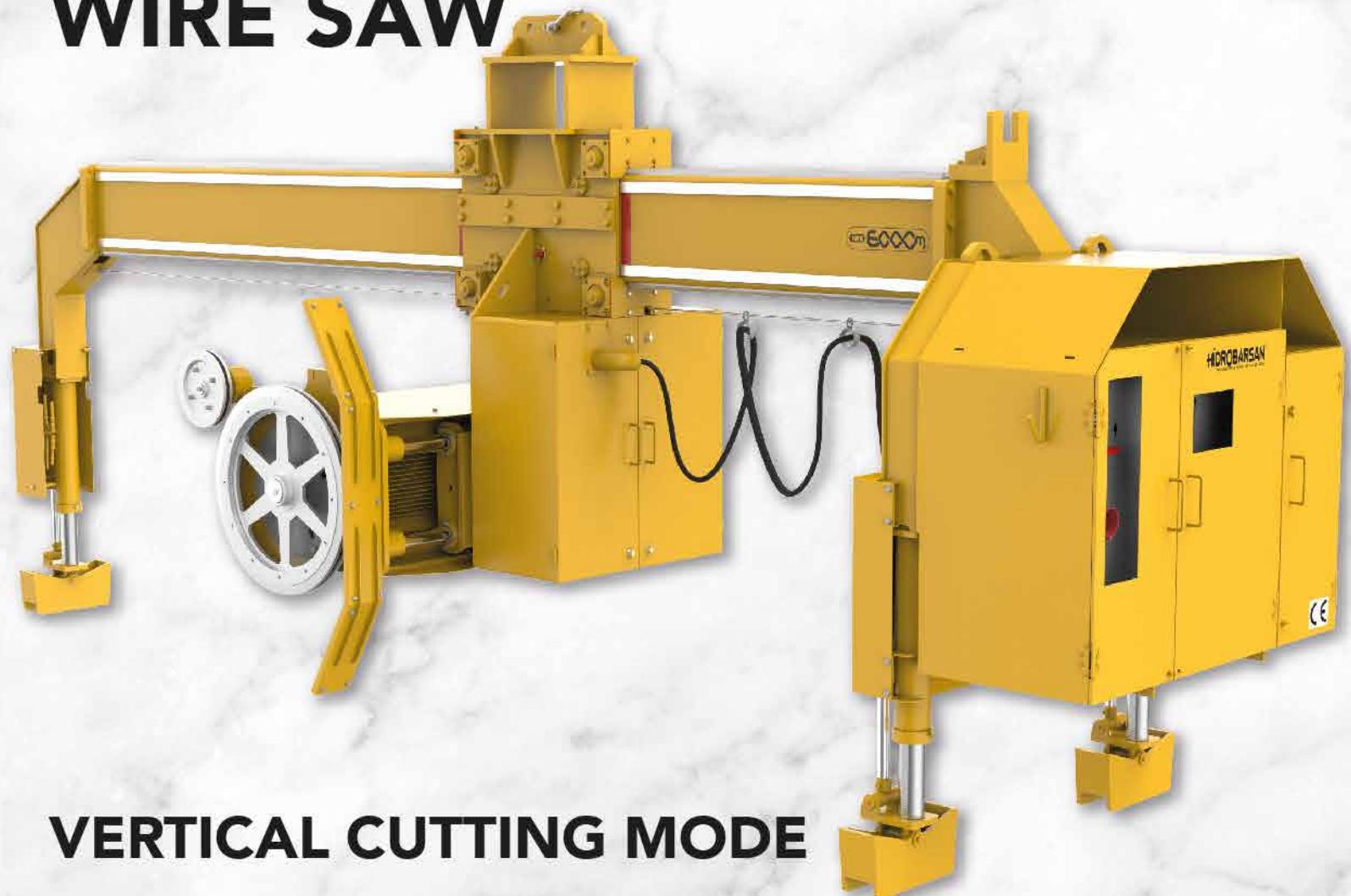
Both the air and hydraulic system work more strongly with a single-engine, providing full performance and lighter.

HORIZONTAL DRILLING MODE



6000M

BRIDGE TYPE DIAMOND WIRE SAW



VERTICAL CUTTING MODE

Technical Specifications

Main Motor: 75 kW
Feed Motor: 1.5 kW
Hydraulic Motor: 2.2 kW

Moving System: Invertor
(The invertor brand is Siemens which used on machine)
Cutting Speed: 20 - 30 m²/h

Flywheel Diameter: 800 mm
Flywheel Moving: 250 mm
Guide Flywheel Diameter: 300 mm
Flywheel Speed Control: Invertor
Leveling: 3 x Hydraulic Piston

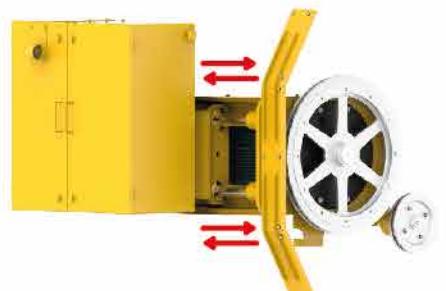
Bridge Length: 5 m
Width: 1680 mm
Length: 6740 mm
Height: 2730 mm

Accessories
Extension Electric Cable: 1 Piece (5x125A)
Wired Remote Control: 1 Piece
Wireless Remote Control: 1 Piece

Cutting Rotation: 270°
Work Angle Setting: Electrical

Weight: ~3900 kgs

We have the right to make changes to the design and dimensions.



HORIZONTAL CUTTING MODE



Wired Controller



Remote Control

We have the right to make changes to the design and dimensions.

Fully Equipped System

Thanks to the **new generation inverter systems** connected to the feed motor and main motor

- Reduces electricity usage.
- Provides high torque for easy wire starting.
- It cuts at maximum performance according to the feature of the stone.
- During cutting depends on electricity amperage sets walking speed with inverter automatically.

Slide

Thanks to the right and left mobility of the sled section, it easily adjusts the cutting position without the need to change the machine position.

1260M

DIAMOND WIRE SAW WITH RAILS



VERTICAL CUTTING MODE



Technical Specifications



Electrical Motor: 55 kW

Moving System: Invertor (The invertor brand is Siemens which used on machine)

Power Transmission: Torque Convertor

Cutting Speed: 10 - 15 m² /h



Accessories

Extension Elect. Cable: 1 Piece (5X125A)

Wired Controller 1 Piece

Remote Control: 1 Piece



Flywheel Diameter: 800 mm

Guide Flywheel

Diameter: 300 mm



Rail Length: 6 m

Width: 1230 mm

Length: 2560 mm

Height: 1670 mm



Cutting Rotation: 360°

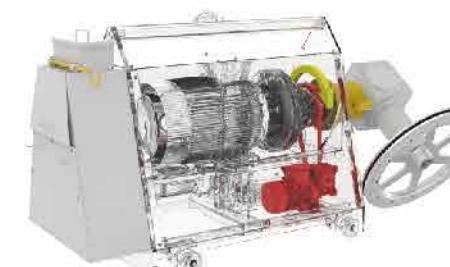
Work Position: Right, Left and Bottom

Work Angle Setting: Electrical



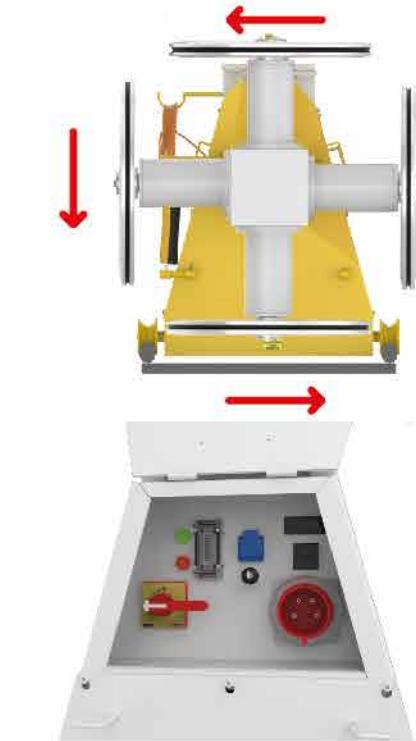
Weight: ~1550 kgs

HORIZONTAL CUTTING MODE



Flywheel Rotation Button

Thanks to the automatic flywheel rotation button, it does not need human power to change the working angle.



360° Rotation Capability

Thanks to its 360° rotating feature, it automatically performs the turn with the operator button, allowing it to cut from all angles.



Distribution Board and Control Panel

With the distribution board and control panel on it, it eliminates cable clutter, is easy to carry, and saves time.

3000Y

HORIZONTAL TYPE BLOCK SIZING



Wired Controller

Technical Specifications

 Electrical Motor: 22 kW
Cutting Speed: 5 - 10 m²/h
Rail End Control: Electrical

 Flywheel Diameter: 500 mm
Rail Length: 3 m
Width: 1460 mm
Length: 3340 mm
Height: 1710 mm

 Cutting Rotation: 270°
Work Position: Right and Left
Work Angle Setting: Reducer

 Weight: ~742 kgs

 Accessories
Extension Elect. Cable: 1 Piece (5X125A)
Wired Remote Control: 1 Piece



Working Angle
With a working angle of 270°, it allows for steep cutting even if the ground on the land is not flat.



Rotation System with Reducer
With the improved Arm System, it can easily change the operating angle without the need for the operator to expend power.

4000Y

HORIZONTAL TYPE BLOCK SIZING



Wired Controller

Technical Specifications

 Electrical Motor: 30 kW
Cutting Speed: 7 - 13 m²/h
Rail End Control: Electrical

 Flywheel Diameter: 500 mm
Rail Length: 4 Meters
Width: 1460 mm
Length: 4335 mm
Height: 1710 mm

 Cutting Rotation: 270°
Work Position: Right and Left
Work Angle Setting: Reducer

 Weight: ~815,5 kgs

 Accessories
Extension Electric Cable: 1 Piece (5X125A)
Wired Controller: 1 Piece



Working Angle
With a working angle of 220°, it allows for steep cutting even if the ground on the land is not flat.



Rotation System with Reducer
With the improved Arm System, it can easily change the operating angle without the need for the operator to expend power.

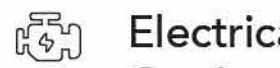
3000M

RAMP TYPE BLOCK SIZING



Wired Controller

Technical Specifications



Electrical Motor: 18.5 kW
Cutting Speed: 3 - 7 m²/s
Work Position: Right or Left



Accessories
Extension Elect. Cable: 1 Piece (5X125A)
Wired Remote Control: 1 Piece



Flywheel Diameter: 500 mm
Rail Length: 3 m
Width: 1190 mm
Length: 3320 mm
Height: 1410 mm



Weight: ~435 kgs



Locking Mechanism

Provides operator and machine safety by preventing the motor-flywheel group from falling uncontrollably in case of sudden diamond wire breaks.

NOTES:

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NOTES: