

PILE DRIVERS MACHINES

MW1000-5
MW1200-5

NEW MODELS

MW600-TX5
MW1000-TX5
MW1600-TX5



NEW MODEL MW600-TX5

ENGINE

Manufacturer: **YANMAR**

Cylinders: **4 (2.190 cc)**

Power: **35 kW at 2200 rpm**

Certification: **Stage 5**

Fuel Tank Capacity: **60 l**

HAMMER

Operating Pressure: **120 bar**

Power: **1100 joules**

Oil Flow: **70 - 90 l**

HYDRAULIC SYSTEM

Oil Flow Rate: **50 - 100 l**

Oil Pressure: **180 bar**

Oil Tank Capacity: **150 l**

TRAVEL SPEED

Low Speed: **2 km/h**

High Speed: **4,4 km/h**

Max Slope: **20°**

Side Walking: **10°**

Track Type: **Rubber**



DIMENSIONS

Transport Width: **1810 mm (A1)**

Transport Height: **2285 mm (A2)**

Transport Length: **3605 mm (A3)**

Machine Width: **1810 mm (A1)**

Machine Height: **2980 mm (A4)**

Machine Length: **3385 mm (A5)**

Mast Height: **3500 mm (A6)**

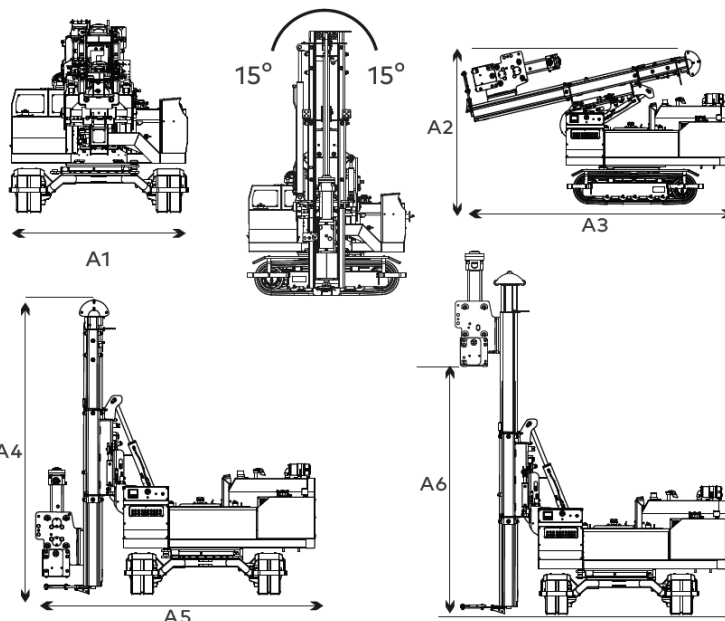
Weight: **3950 kg**

Rotation: **90°**

Mast Side Tilt Angle: **15°**

Mast Forward Tilt Angle: **20°**

Mast Backward Tilt Angle: **-170°**



OPTIONAL EQUIPMENT

DTH

Auger

Post Extractor

GPS/GNSS

Remote Control

**Control Hydromotor
System for Ground Screw**

Automatic Leveling

**Hammer Height Control
System**

Laser Meter

Stabilizer Cylinder



MODEL MW1000-5

ENGINE

Manufacturer: **YANMAR**
Cylinders: **4 (2.190 cc)**
Power: **35 kW at 2200 rpm**
Certification: **Stage 5**
Fuel Tank Capacity: **60 l**

HAMMER

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Oil Flow: **70 - 90 l**

HYDRAULIC SYSTEM

Oil Flow Rate: **50 - 100 l**
Oil Pressure: **180 bar**
Oil Tank Capacity: **150 l**

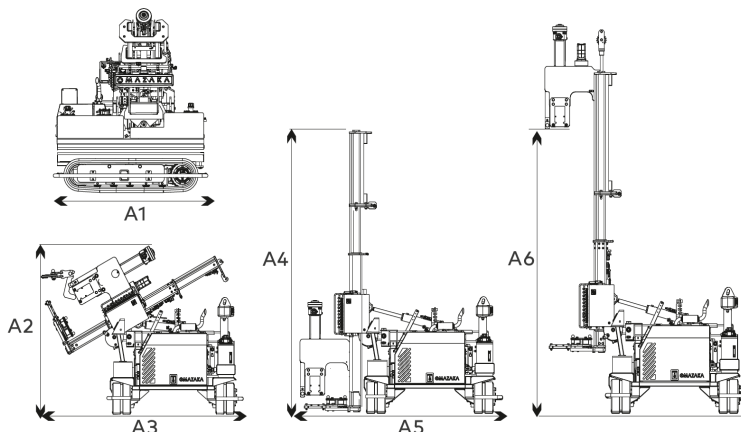
TRAVEL SPEED

Low Speed: **2 km/h**
High Speed: **4,4 km/h**
Max Slope: **20°**
Side Walking: **10°**
Track Type: **Rubber**

DIMENSIONS

Transport Width: **2280 mm (A1)**
Transport Height: **2550 mm (A2)**
Transport Length: **2950 mm (A3)**
Machine Width: **2280 mm (A1)**
Machine Height: **3750 mm (A4)**
Machine Length: **3110 mm (A5)**
Mast Height: **4500 mm (A6)**
Weight: **4350 kg**

Mast Side Tilt Angle: **15°**
Mast Forward Tilt Angle: **12°**
Mast Backward Tilt Angle: **-63°**



OPTIONAL EQUIPMENT

DTH
Auger
Post Extractor
GPS/GNSS
Remote Control
Control Hydromotor
System for Ground Screw
Automatic Leveling
Hammer Height Control
System
Laser Meter
Stabilizer Cylinder

NEW MODEL MW1000-TX5

ENGINE

Manufacturer: **CAT**
Cylinders: **4 (2.200 cc)**
Power: **45 kW at 2200 rpm**
Certification: **Stage 5**
Fuel Tank Capacity: **60 l**

HAMMER

Operating Pressure: **120 bar**
Power: **1100 joules**
Oil Flow: **70 - 90 l**

HYDRAULIC SYSTEM

Oil Flow Rate: **50 - 100 l**
Oil Pressure: **180 bar**
Oil Tank Capacity: **150 l**

TRAVEL SPEED

Low Speed: **2 km/h**
High Speed: **4,4 km/h**
Max Slope: **20°**
Side Walking: **10°**
Track Type: **Rubber**

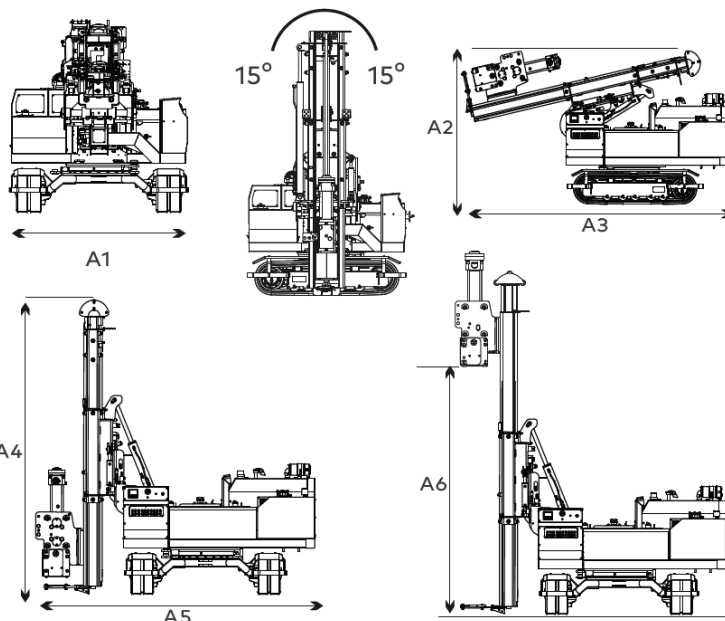
OPTIONAL EQUIPMENT

DTH
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Post Extractor
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Remote Control
Control Hydromotor
System for Ground Screw
Automatic Leveling
Hammer Height Control
System
Laser Meter
Stabilizer Cylinder



DIMENSIONS

Transport Width: **1980 mm (A1)**
Transport Height: **2315 mm (A2)**
Transport Length: **3820 mm (A3)**
Machine Width: **1980 mm (A1)**
Machine Height: **3300 mm (A4)**
Machine Length: **3550 mm (A5)**
Mast Height: **4700 mm (A6)**
Weight: **4800 kg**
Rotation: **90°**
Mast Side Tilt Angle: **15°**
Mast Forward Tilt Angle: **20°**
Mast Backward Tilt Angle: **-170°**



MODEL MW1200-5

ENGINE

Manufacturer: **YANMAR**
Cylinders: **4 (2.190 cc)**
Power: **35 kW at 2200 rpm**
Certification: **Stage 5**
Fuel Tank Capacity: **60 l**

HAMMER

Operating Pressure: **120 bar**
Power: **1450 joules**
Oil Flow: **70 - 90 l**

HYDRAULIC SYSTEM

Oil Flow Rate: **50 - 100 l**
Oil Pressure: **180 bar**
Oil Tank Capacity: **150 l**

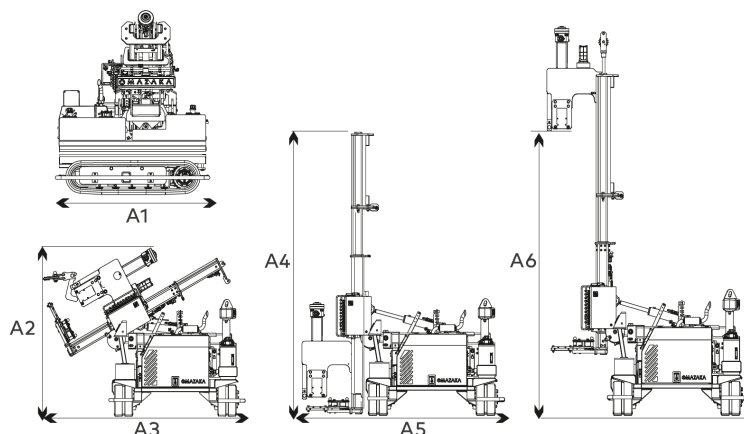
TRAVEL SPEED

Low Speed: **2 km/h**
High Speed: **4,4 km/h**
Max Slope: **20°**
Side Walking: **10°**
Track Type: **Rubber**

DIMENSIONS

Transport Width: **2290 mm (A1)**
Transport Height: **2770 mm (A2)**
Transport Length: **3660 mm (A3)**
Machine Width: **2290 mm (A1)**
Machine Height: **4400 mm (A4)**
Machine Length: **3150 mm (A5)**
Mast Height: **6100 mm (A6)**
Weight: **4750 kg**

Mast Side Tilt Angle: **15°**
Mast Forward Tilt Angle: **12°**
Mast Backward Tilt Angle: **-63°**



OPTIONAL EQUIPMENT

DTH
Auger
Post Extractor
GPS/GNSS
Remote Control
Control Hydromotor
System for Ground Screw
Automatic Leveling
Hammer Height Control
System
Laser Meter
Stabilizer Cylinder

NEW MODEL MW1600-TX5

ENGINE

Manufacturer: **CAT**
Cylinders: **4 (2.200 cc)**
Power: **45 kW at 2200 rpm**
Certification: **Stage 5**
Fuel Tank Capacity: **60 l**

HAMMER

Operating Pressure: **120 bar**
Power: **1450 joules**
Oil Flow: **70 - 90 l**

HYDRAULIC SYSTEM

Oil Flow Rate: **50 - 100 l**
Oil Pressure: **180 bar**
Oil Tank Capacity: **150 l**

TRAVEL SPEED

Low Speed: **2 km/h**
High Speed: **4,4 km/h**
Max Slope: **20°**
Side Walking: **10°**
Track Type: **Rubber**

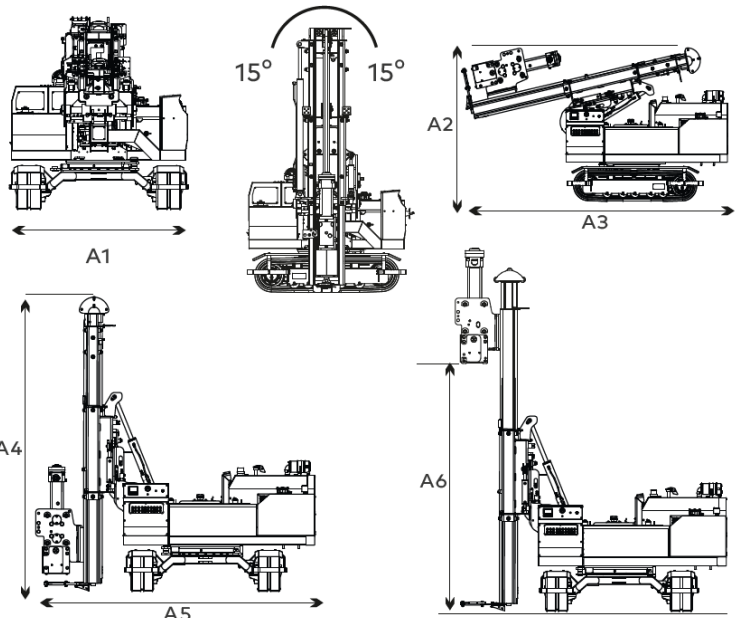
OPTIONAL EQUIPMENT

DTH
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DIMENSIONS

Transport Width: **2240 mm (A1)**
Transport Height: **2365 mm (A2)**
Transport Length: **4145 mm (A3)**
Machine Width: **2240 mm (A1)**
Machine Height: **3780 mm (A4)**
Machine Length: **3800 mm (A5)**
Mast Height: **6500 mm (A6)**
Weight: **5200 kg**
Rotation: **90°**
Mast Side Tilt Angle: **15°**
Mast Forward Tilt Angle: **20°**
Mast Backward Tilt Angle: **-170°**



OPTIONAL EQUIPMENT

DTH

The DTH equipment consists of a pneumatic hammer attached to the lower end of a drilling column. The rapid percussion action breaks the hard rock into small fragments and dust, which are removed by a fluid.

The DTH hammer is one of the fastest methods for drilling hard rock.

DTH HAMMER

3,5"
4"
5"
6"
8"
10"

DRILL BIT DIAMETER

90 ; 95 ; 102 ; 105 mm
115 ; 127 ; 140 ; 145 mm
140 ; 152 ; 165 ; 178 mm
165 ; 178 ; 190 ; 203 mm
254 ; 305 mm
305 ; 340 ; 395 mm



AUGER

The AUGER equipment is designed to perform precise drilling in various applications, including solar park installations, road barriers, and civil construction. Developed to ensure durability and efficiency, it delivers exceptional performance in different soil types.

Dimensions: 100; 150; 200; 300; 400 x 1600 mm

HYDROMOTOR

1500 Nm
3000 Nm
6000 Nm
8000 Nm
12000 Nm

RPM

60 - 80
30 - 60
30 - 60
15 - 30
10 - 20

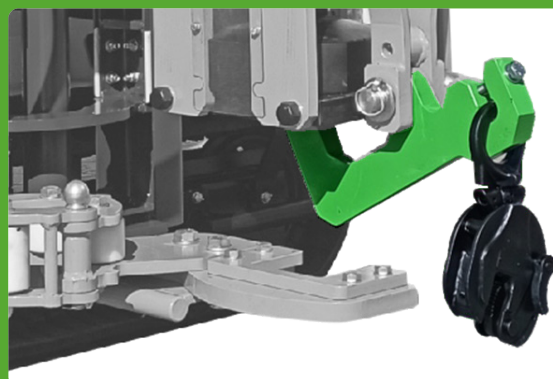


POST EXTRACTOR

The post extractor can be applied under the head of the pile-driving machine, forklifts, and cranes.

It is specially designed for extracting road barrier posts, metal stakes, and light profiles.

The use of some self-clamping grippers and special levers allows for better grip and release of the stakes.



OPTIONAL EQUIPMENT

GPS/GNSS

The GPS/GNSS system is an advanced machine control system that uses dedicated integrated software. This system allows for fully automatic machine control, both during the piling process and in the orientation phase.



STABILIZER CYLINDER

The stabilizer cylinders ensure greater safety when operating machines on inclined terrain.

Depending on your needs, the stabilizer feet can be fixed to the pile-driving machine.



AUTOMATIC LEVELING

The automatic levelling system ensures that the column remains perpendicular to the ground at all times. Simply press a button, and the column will be perfectly positioned vertically in relation to the ground.



REMOTE CONTROL

The remote control allows the pile-driving machine to be operated without the need for proximity to the machine, both during piling movements and orientation, thanks to the use of electro-proportional distributors.



• PULL-OUT TEST •

• LASER METER •

• HAMMER HEIGHT CONTROL SYSTEM •

• CONTROL HYDROMOTOR SYSTEM FOR GROUND SCREW •

Attachment For Different Machines

PD50T – PD90T

Power: **200 Joules**

Oil Flow: **20 – 35 L**

Oil Pressure: **120 bar**

Weight (PD50T): **800 kg**

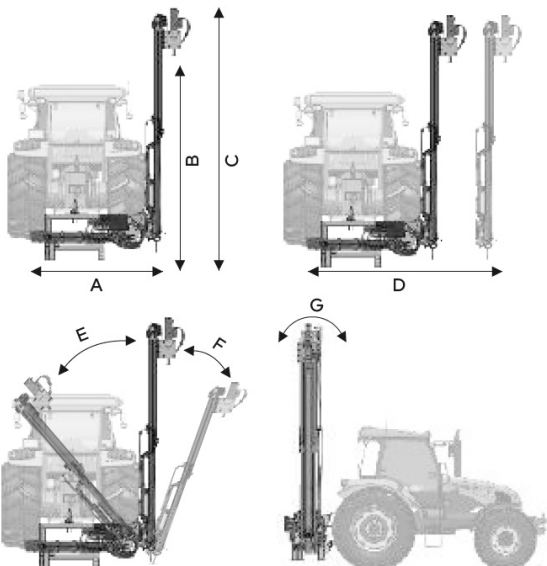
Weight (PD90T): **900 kg**

Wood Post Diameter: **50 – 125 mm**

Steel Post Diameter: **65 – 125 mm**



MODEL	PD50T	PD90T
A	1540 mm	2150 mm
B	3500 mm	3500 mm
C	4225 mm	4225 mm
D	1750 mm	2600 mm
E	54.5°	54.5°
F	17.5°	17.5°
G	10°	10°



BD50T – BD90T

Power: **200 Joules**

Oil Flow: **20 – 35 L**

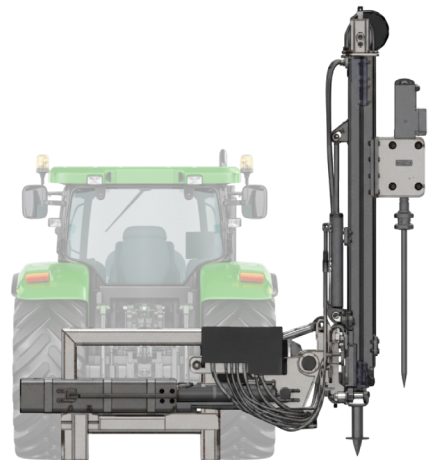
Oil Pressure: **120 bar**

Weight (BD50T): **800 kg**

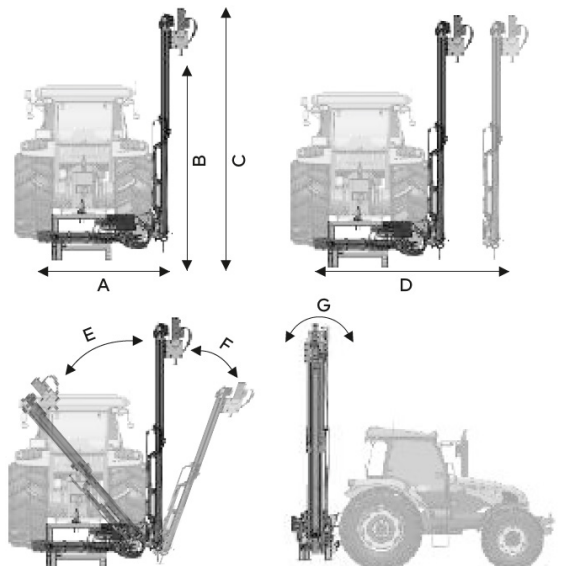
Weight (BD90T): **900 kg**

Bamboo Cane Diameter:

10; 20; and 30 mm



MODEL	BD50T	BD90T
A	1540 mm	2150 mm
B	3500 mm	3500 mm
C	4225 mm	4225 mm
D	1750 mm	2600 mm
E	54.5°	54.5°
F	17.5°	17.5°
G	10°	10°



Attachment For Different Machines

EA50T – EA90T

Oil Pressure: **180 bar**

Oil Flow: **65 L**

Speed Range: **20 – 65 rpm**

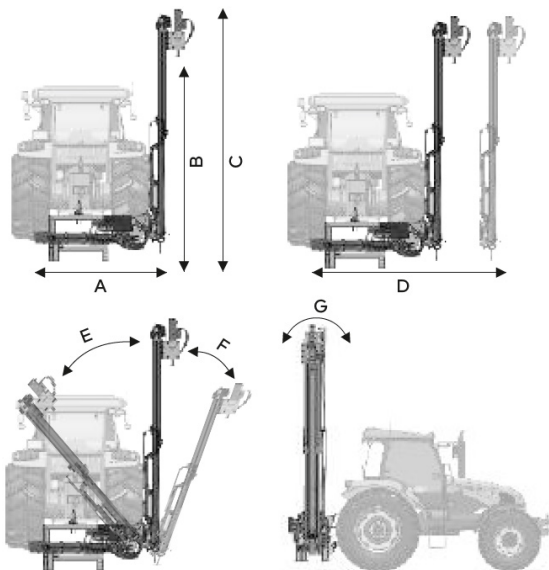
Weight (EA50T): **875 kg**

Weight (EA90T): **975 kg**

Auger Diameter: **100; 200; 300; and 400 mm**



MODEL	EA50T	EA90T
A	1800 mm	1400 mm
B	3500 mm	3500 mm
C	4225 mm	4225 mm
D	2000 mm	2850 mm
E	54.5°	54.5°
F	17.5°	17.5°
G	10°	10°



PE50T – PE90T

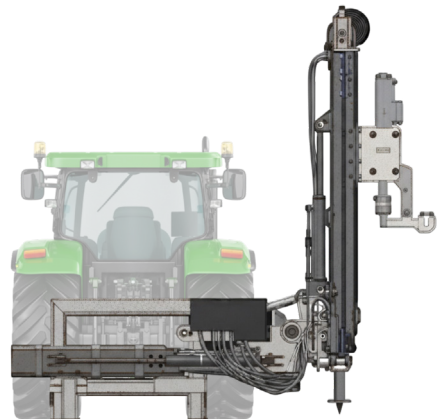
Oil Flow: **20 – 35 L**

Oil Pressure: **120 bar**

Weight (PE50T): **800 kg**

Weight (PE90T): **900 kg**

Capacity: **200 kg**



MODEL	PE50T	PE90T
A	1540 mm	2150 mm
B	3500 mm	3500 mm
C	4225 mm	4225 mm
D	1750 mm	2600 mm
E	54.5°	54.5°
F	17.5°	17.5°
G	10°	10°

