# **EZ36**

## **Tracked Zero Tail Excavators**







#### **Trimmed for productivity**

The EZ36 is full of detailed solutions that increase productivity and make working for the operator even more enjoyable and efficient. The intuitive operating concept, combined with precise control, shortens working cycles and saves time and money. In addition, many options can be installed ex factory.

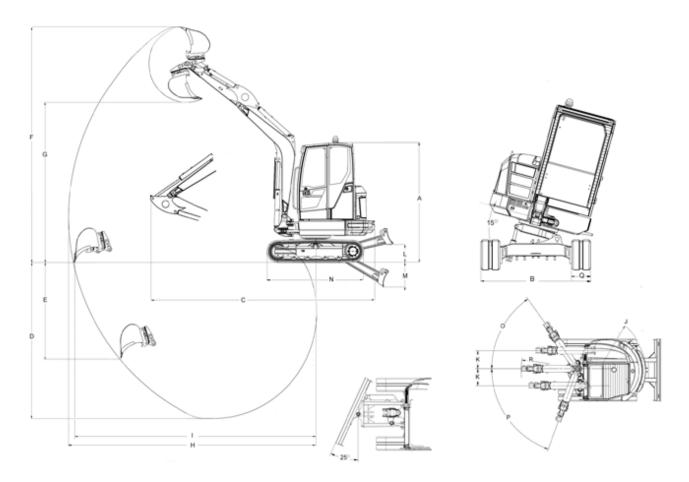
- Performance meets maximum efficiency
- User-friendly operating concept and comfort cabin
- VDS Working in the slope without coming to falter
- Zero Tail when it gets tight
- Unrestricted maintenance and service access

## EZ36 Technical specifications

## Operating data

Shipping weight min.         3,330 kg           Operating weight (weight (weight)         3,720 - 4,630 kg           Bitting force max.         55 kN           Digging depth max. (long dipperstick)         3,349 mm           Durping height         3,336 - 3,336 mm           Digging radius max. (long dipperstick)         6,743 mm           Superstructure slewing speed         9,513 mm           Ex W X H         5,503 x 1,750 x 2,91 mm           Fuel tank capacity         441           Engine / Motor         441           Engine / Motor manufacturer         Yannar Diesel engine           Engine / Motor type         342 mm           Brighing Motor type         water-cooled 3-cylinder suction engine           Engine / Motor type         442           Red performance         182 kW           Brighine / Motor type         442           Red performance         26 cm           Red performance         26 cm           Red performance         26 cm           Red performance         27 cm           Red performance POWER Mode         32 cm           Red performance POWER Mode         25 cm           Red performance POWER Mode         25 cm           Red performance Power Mode         25 cm <th>Operating data</th> <th></th>	Operating data	
Biting force max.         21.1 kM           Breakout force max.         35 kN           Digging depth max. (long dipperstick)         3,497 mm           Dumping height         3,336 - 3,336 mm           Digging radius max. (long dipperstick)         5,743 mm           Digging radius max. (long dipperstick)         7,51 mm           Digging radius max. (long dipperstick)         9,5 1/min           L x W x H         5,503 x 1,750 x 2,491 mm           Full tank capacity         44           Engine / Motor         44           Engine / Motor manufacturer         Yanmar Diesel engine           Engine / Motor type         31NV88F           Engine / Motor type         4           Emission standards stage         5           Read performance         18.2 kW           Displacement         1,642 cm³           RPM / speed         2,400 rpm           Engine performance POWER Mode         2,400 rpm           Engtery         2 axial piston pumps / 2 gear pumps           Battery         2 axial piston pumps / 2 gear pumps           Max. flow rate         42.5 ± 4.25 l/min           Max. flow rate         2 3.8 ± 11.3 l/min           Operating pressure for working and driving hydraulics         2 3.8 ± 11.3 l/min	Shipping weight min.	3,530 kg
Breakout force max.         35 kM           Digging depth max. (long dipperstick)         3,497 mm           Dumping height         3,336 - 3,336 mm           Digging radius max. (long dipperstick)         5,743 mm           Superstructure slewing speed         9,51/min           L x W x H         5,503 x 1,750 x 2,491 mm           Evel tank capacity         441           Fuel tank capacity	Operating weight	3,720 - 4,636 kg
Digging depth max. (long dipperstick)         3.497 mm           Dumping height         3.336 - 3,336 mm           Digging radius max. (long dipperstick)         5,743 mm           Superstructure slewing speed         9.5 1/min           L x W x H         5,503 x 1,750 x 2,491 mm           Fuel tank capacity         44           Engine / Motor           Engine / Motor type         31NV88F           Engine / Motor type         31NV88F           Engine / Motor         water-cooled 3-cylinder suction engine           Emission standards stage         5           Rated performance         18.2 kW           Displacement         1,642 cm²           RPM / speed         2,400 rpm           Engine performance POWER Mode         32,400 rpm           Battery           Battery         71 Ah           Hydraulic system           Duty pump         2 axial piston pumps / 2 gear pumps           Max. flow rate         42.5 + 42.5 l/min           Max. flow rate         23.8 + 11.3 l/min           Operating pressure for working and driving hydraulics         23.8 + 11.3 l/min           Operating pressure Drehwerk         20 cm           Undercarriage         4.7 km/h <td< td=""><td>Biting force max.</td><td>21.1 kN</td></td<>	Biting force max.	21.1 kN
Dumping height3,336 - 3,336 mmDigging radius max. (long dipperstick)5,743 mmSuperstructure slewing speed9,51 /minL x W x H5,5503 x 1,750 x 2,491 mmFuel tank capacity441Engine / MotorYannar Diesel engineEngine / Motor manufacturerYannar Diesel engineEngine / Motor type3TNW88FEngine / Motor typewater-cooled 3-cylinder suction engineEmission standards stage5Rated performance18,2 kWDisplacement1,642 cmRPM / speed2,400 rpmEngine performance POWER Mode18,2 kWBattery3Battery2 axial piston pumps / 2 gear pumpsButty pump2 axial piston pumps / 2 gear pumpsMax. flow rate42,5 + 42,5 l/minMax. flow rate2 axial piston pumps / 2 gear pumpsMax. flow rate23,8 + 11,3 l/minMax. flow rate23,8 + 11,3 l/minOperating pressure for working and driving hydraulics23,8 + 11,3 l/minOperating pressure for working and driving hydraulics23,8 + 11,3 l/minUndercarriage15,500Travel speed max.4,7 km/hChain width300 mmGround clearance515 nm	Breakout force max.	35 kN
Digging radius max. (long dipperstick)5,743 mmSuperstructure slewing speed9.5 1/minL x W x H5,503 x 1,750 x 2,491 mmFuel tank capacity441Engine / MotorYanmar Diesel engineEngine / Motor manufacturerYanmar Diesel engineEngine / Motor type3TNV88FEngine / Motor typewater-cooled 3-cylinder suction engineEngine / Motor stypewater-cooled 3-cylinder suction engineEmission standards stage5Rated performance18.2 kWDisplacement1,642 cm²RPM / speed2,400 rpmEngine performance POWER Mode18.2 kWBattery3Battery11.2 kWBy Jupung2 axial piston pumps / 2 gear pumpsMax. flow rate42.5 + 42.5 l/minMax. flow rate2 axial piston pumps / 2 gear pumpsMax. flow rate2.3 axial piston pumps / 2 gear pumpsMax. flow rate2.3 axial piston pumps / 2 gear pumpsOperating pressure for working and driving hydraulics2 axial piston pumps / 2 gear pumpsOperating pressure Drehwerk2.3 by 2.5 axial piston pumps / 2 gear pumpsUndercarriage1.5 by 2.5 axial piston pumpsTravel speed max.4.7 km/hChain width3.00 mmGround clearance5.1 mm	Digging depth max. (long dipperstick)	3,497 mm
Superstructure slewing speed9.5 1/minL x W x H5,503 x 1,750 x 2,491 mmFuel tank capacity44Engine / MotorYanmar Diesel engineEngine / Motor type3TNV88FEngine / Motorwater-cooled 3-cylinder suction engineEmission standards stage5Rated performance18.2 kWDisplacement1,642 cm³RPM / speed2,400 rpmEngine performance POWER Mode18.2 kWBattery4Battery4Battery2 axial piston pumps / 2 gear pumpsMuy pump2 axial piston pumps / 2 gear pumpsMax. flow rate42.5 + 42.5 l/minMax. flow rate2.3 axial piston pumps / 2 gear pumpsQuerating pressure for working and driving hydraulics2.40 brOperating pressure Drehwerk19.5 brUndercarriage2.40 brTravel speed max.4.7 km/hChain width3.00 mmGround clearance5.51 mm	Dumping height	3,336 - 3,336 mm
L x W x H5,503 x 1,750 x 2,491 mmFuel tank capacity441Engine / MotorYanmar Diesel engineEngine / Motor type\$3TNV88FEngine / Motorwater-cooled 3-cylinder suction engineEngine / Motorwater-cooled 3-cylinder suction engineEmission standards stage5Rated performance18.2 kWDisplacement1,642 cm²RPM / speed2,400 rpmEngine performance POWER Mode18.2 kWBattery4Battery4Bydraulic system42.5 4 x 1,5 l/minMax. flow rate42.5 4 x 2,5 l/minMax. flow rate42.5 4 x 2,5 l/minMax. flow rate2 axial piston pumps / 2 gear pumpsMax. flow rate42.5 4 x 2,5 l/minOperating pressure for working and driving hydraulics240 brOperating pressure Drehwerk195 brUndercarriage195 brTravel speed max.4,7 km/hChain width300 mmGround clearance551 mm	Digging radius max. (long dipperstick)	5,743 mm
File Itank capacity  Fingine / Motor  Engine / Motor manufacturer  Engine / Motor type  Engine / Motor type  Engine / Motor type  Engine / Motor type  Engine / Motor  Engine / Motor type  Engine / Motor  En	Superstructure slewing speed	9.5 1/min
Engine / MotorEngine / Motor manufacturerYanmar Diesel engineEngine / Motor type3TNV88FEngine / Motorwater-cooled 3-cylinder suction engineEmission standards stage5Rated performance18.2 kWDisplacement1,642 cm³RPM / speed2,400 rpmEngine performance POWER Mode18.2 kWBatteryBatteryType of manufacturerBy July pump2 axial piston pumps / 2 gear pumpsMax. flow rate42.5 + 42.5 l/minMax. flow rate23.8 + 11.3 l/minOperating pressure for working and driving hydraulics240 barOperating pressure Porhwerk195 barUndercarriage17 kmlTravel speed max.4,7 km/hChain width300 mmGround clearance551 mm	LxWxH	5,503 x 1,750 x 2,491 mm
Engine / Motor manufacturerYanmar Diesel engineEngine / Motor type3TNV88FEngine / Motorwater-cooled 3-cylinder suction engineEmission standards stage5Rated performance18.2 kWDisplacement1,642 cm³RPM / speed2,400 rpmEngine performance POWER Mode18.2 kWBatteryBatteryButy pumpDuty pump2 axial piston pumps / 2 gear pumpsMax. flow rate42.5 + 42.5 l/minMax. flow rate23.8 + 11.3 l/minOperating pressure for working and driving hydraulics240 barOperating pressure Dehwerk195 barUndercarriage1Travel speed max.4.7 km/hChain width300 mmGround clearance251 mm	Fuel tank capacity	44
Engine / Motor type3TNV88FEngine / Motorwater-cooled 3-cylinder suction engineEmission standards stage5Rated performance18.2 kWDisplacement1,642 cm³RPM / speed2,400 rpmEngine performance POWER Mode8BatteryBatteryButy pump2 axial piston pumps / 2 gear pumpsMax. flow rate42.5 + 42.5 l/minMax. flow rate2.3 axial piston pumps / 2 gear pumpsOperating pressure for working and driving hydraulics2.3 axial piston pumps / 2 gear pumpsOperating pressure Drehwerk2.3 axial piston pumps / 2 gear pumpsUndercarriage195 batTravel speed max.4.7 km/hChain width300 mmGround clearance251 mm	Engine / Motor	
Engine / Motorwater-cooled 3-cylinder suction engineEmission standards stage5Rated performance18.2 kWDisplacement1,642 cm³RPM / speed2,400 rpmEngine performance POWER Mode18.2 kWBatteryTaketryThy pump2 axial piston pumps / 2 gear pumpsMax. flow rate42.5 + 42.5 l/minMax. flow rate23.8 + 11.3 l/minOperating pressure for working and driving hydraulics240 barOperating pressure Drehwerk195 barUndercarriageTravel speed max.4.7 km/hChain width300 mmGround clearance251 mm	Engine / Motor manufacturer	Yanmar Diesel engine
Emission standards stage5Rated performance18.2 kWDisplacement1,642 cm³RPM / speed2,400 rpmEngine performance POWER Mode18.2 kWBatteryBattery71 AhHydraulic systemDuty pump2 axial piston pumps / 2 gear pumpsMax. flow rate42.5 + 42.5 l/minMax. flow rate23.8 + 11.3 l/minOperating pressure for working and driving hydraulics240 barOperating pressure Drehwerk240 barUndercarriage195 barTravel speed max.4.7 km/hChain width300 mmGround clearance251 mm	Engine / Motor type	3TNV88F
Rated performance18.2 kWDisplacement1,642 cm³RPM / speed2,400 rpmEngine performance POWER Mode18.2 kWBatteryBattery71 AhHydraulic systemDuty pump2 axial piston pumps / 2 gear pumpsMax. flow rate42.5 + 42.5 l/minMax. flow rate23.8 + 11.3 l/minOperating pressure for working and driving hydraulics240 barOperating pressure Drehwerk195 barUndercarriageTravel speed max.4.7 km/hChain width300 mmGround clearance251 mm	Engine / Motor	water-cooled 3-cylinder suction engine
Displacement1,642 cm²RPM / speed2,400 rpmEngine performance POWER Mode18.2 kWBatteryBattery71 AhHydraulic systemDuty pump2 axial piston pumps / 2 gear pumpsMax. flow rate42.5 + 42.5 l/minMax. flow rate23.8 + 11.3 l/minOperating pressure for working and driving hydraulics240 barOperating pressure Drehwerk195 barUndercarriageTravel speed max.4.7 km/hChain width300 mmGround clearance251 mm	Emission standards stage	5
RPM / speed 2,400 rpm Engine performance POWER Mode 18.2 kW  Battery  Battery 71 Ah  Hydraulic system  Duty pump 2 axial piston pumps / 2 gear pumps Max. flow rate 42.5 + 42.5 l/min Max. flow rate 42.5 + 42.5 l/min Max. flow rate 23.8 + 11.3 l/min Operating pressure for working and driving hydraulics 240 bar Operating pressure Drehwerk 195 bar  Undercarriage  Travel speed max. 4.7 km/h Chain width 300 mm Ground clearance 251 mm	Rated performance	18.2 kW
Engine performance POWER Mode 18.2 kW  Battery  Battery 71 Ah  Hydraulic system  Duty pump 2 axial piston pumps / 2 gear pumps  Max. flow rate 42.5 + 42.5 l/min  Max. flow rate 23.8 + 11.3 l/min  Operating pressure for working and driving hydraulics 240 bar  Operating pressure Drehwerk 195 bar  Undercarriage  Travel speed max. 4.7 km/h  Chain width 300 mm  Ground clearance 251 mm	Displacement	1,642 cm <sup>3</sup>
Battery Battery  Hydraulic system  Duty pump 2 axial piston pumps / 2 gear pumps Max. flow rate 42.5 + 42.5 l/min Max. flow rate 23.8 + 11.3 l/min Operating pressure for working and driving hydraulics 240 bar Operating pressure Drehwerk 195 bar Undercarriage  Travel speed max. 4.7 km/h Chain width 300 mm Ground clearance 251 mm	RPM / speed	2,400 rpm
Battery 671 Ah Hydraulic system  Duty pump 2 axial piston pumps / 2 gear pumps Max. flow rate 42.5 + 42.5  /min Max. flow rate 23.8 + 11.3  /min Operating pressure for working and driving hydraulics 240 bar Operating pressure Drehwerk 195 bar  Undercarriage Travel speed max. 4.7 km/h Chain width 300 mm Ground clearance 251 mm	Engine performance POWER Mode	18.2 kW
Hydraulic system  Duty pump 2 axial piston pumps / 2 gear pumps  Max. flow rate 42.5 + 42.5 l/min  Max. flow rate 23.8 + 11.3 l/min  Operating pressure for working and driving hydraulics 240 bar  Operating pressure Drehwerk 195 bar  Undercarriage  Travel speed max. 4.7 km/h  Chain width 300 mm  Ground clearance 251 mm	Battery	
Duty pump2 axial piston pumps / 2 gear pumpsMax. flow rate42.5 + 42.5 l/minMax. flow rate23.8 + 11.3 l/minOperating pressure for working and driving hydraulics240 barOperating pressure Drehwerk195 barUndercarriage**Travel speed max.**4.7 km/hChain width300 mmGround clearance251 mm	Battery	71 Ah
Max. flow rate 42.5 l/min Max. flow rate 23.8 + 11.3 l/min Operating pressure for working and driving hydraulics 240 bar Operating pressure Drehwerk 195 bar Undercarriage Travel speed max. 4.7 km/h Chain width 300 mm Ground clearance	Hydraulic system	
Max. flow rate 23.8 + 11.3 l/min Operating pressure for working and driving hydraulics 240 bar Operating pressure Drehwerk 195 bar Undercarriage Travel speed max. 4.7 km/h Chain width 300 mm Ground clearance 251 mm	Duty pump	2 axial piston pumps / 2 gear pumps
Operating pressure for working and driving hydraulics  Operating pressure Drehwerk  Undercarriage  Travel speed max.  Chain width  Ground clearance  240 bar  495 bar  497 km/h  251 mm	Max. flow rate	42.5 + 42.5 l/min
Operating pressure Drehwerk  Undercarriage  Travel speed max.  Chain width  Ground clearance  195 bar  4.7 km/h  300 mm	Max. flow rate	23.8 + 11.3 l/min
UndercarriageTravel speed max.4.7 km/hChain width300 mmGround clearance251 mm	Operating pressure for working and driving hydraulics	240 bar
Travel speed max. 4.7 km/h Chain width 300 mm Ground clearance 251 mm	Operating pressure Drehwerk	195 bar
Chain width 300 mm Ground clearance 251 mm	Undercarriage	
Ground clearance 251 mm	Travel speed max.	4.7 km/h
	Chain width	300 mm
Dozer Blade	Ground clearance	251 mm
	Dozer Blade	
Width         1,750 mm	Width	1,750 mm
Height 357 mm	Height	357 mm
Charles de an his de a have annual	Stroke dozer blade above ground	393 mm
Stroke dozer blade above ground 393 mm	Stroke dozer blade below ground	505 mm
Stroke dozer blade above ground 393 mm	Stroke dozer blade below ground	505 mm
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## EZ36 Dimensions



			VDS
Α	Height	2,491 mm	2,573 mm
В	Width	1,750 mm	1,750 mm
С	Transport length	5,503 mm	5,489 mm
D	Digging depth max. (short dipperstick)	3,247 mm	3,172 mm
D	Digging depth max. (long dipperstick)	3,497 mm	3,422 mm
E	Insertion depth max. vertical (short dipperstick)	2,123 mm	2,048 mm
E	Insertion depth max. vertical (long dipperstick)	2,360 mm	2,285 mm
F	Insertion height max. (short dipperstick)	4,925 mm	5,004 mm
F	Insertion height max. (long dipperstick)	5,082 mm	5,157 mm
G	Dump height max. (short dipperstick)	3,336 mm	3,411 mm
G	Dump height max. (long dipperstick)	3,489 mm	3,564 mm
Н	Digging radius max. (short dipperstick)	5,298 mm	5,270 mm
Н	Digging radius max. (long dipperstick)	5,582 mm	5,546 mm
I	Range on the ground max. (short dipperstick)	5,391 mm	5,378 mm
	Range on the ground max. (long dipperstick)	5,641 mm	5,629 mm
J	Rear swivel radius min.	933 mm	933 mm
K	Arm displacement max. to center bucket right side	680 mm	680 mm
K	Arm displacement max. to center bucket left side	650 mm	650 mm
L	Lift height max. dozer blade above ground	393 mm	393 mm

M	Scraping depth max. dozer blade below ground	505 mm	505 mm
N	Length undercarriage	2,062 mm	2,062 mm
0	Turning angle max. boom to the right	45 °	45 °
Р	Turning angle max. boom to the left	70 °	70 °
	Boom slewing radius center	2,245 mm	2,245 mm
Q	Width	300 mm	300 mm

Please note: that product availability can vary from country to country. It is possible that information / products may not be available in your country. More detailed information on engine power can be found in the operator's manual; the stated power may vary due to specific operating conditions. Subject to alterations and errors excepted. Applicable also to illustrations.

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