

Bohrwagen BW100-4* 3-wheeled drilling unit*



areas of application

Range of application

avalanche barrier

Avalanche barriers

injection anchor drilling

Injection anchor drillings

slope protection

Slope stabilisations

Blast hole drilling in the steep slope

Blast hole drilling on steep slopes

➔ Hang Drilling Units Drill Jumbo

➔ Slope drilling units 3-wheeled drilling unit

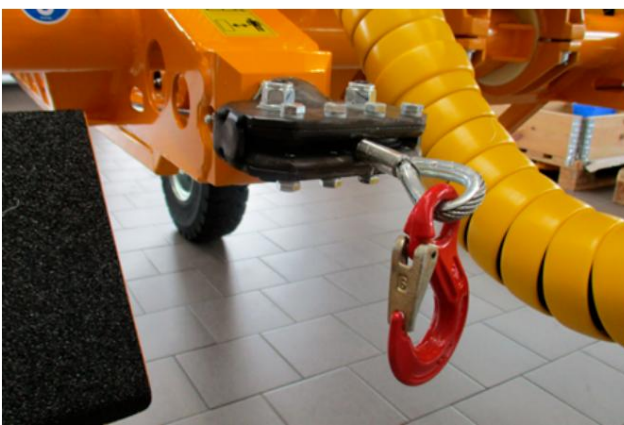


The model impresses with the following features:

- Low operating weight and high mobility of chassis and derrick
- Maximum stability thanks to three-point chassis
- Two integrated, hydraulically proportionally controllable rope winches for comfortable maneuvering on steep slopes
- Swivel rope pulley guides allow working with the rope from the front as well as from the side
 - Use of various drilling methods
- Solid rubber tires for puncture-proof work

The model stands out with the following characteristics:

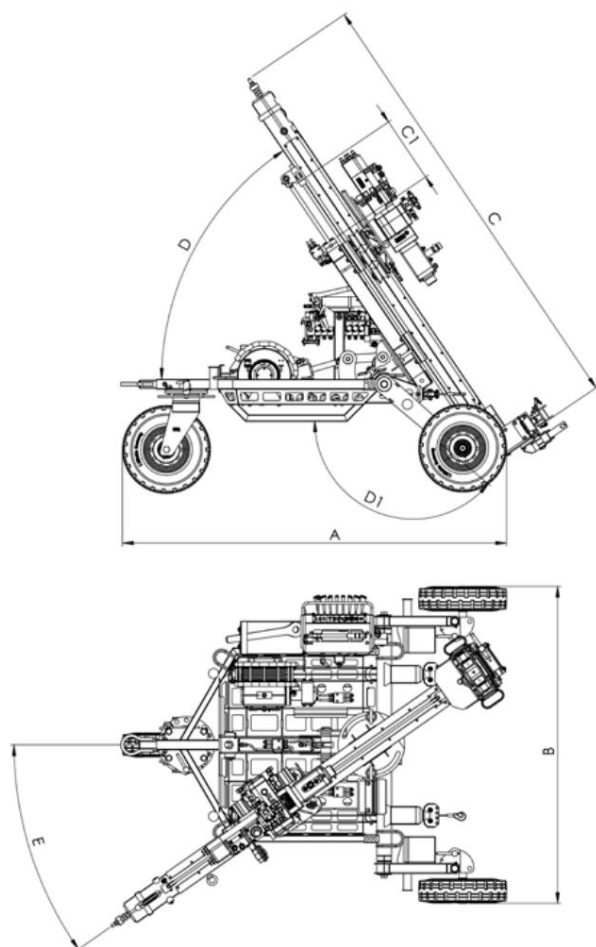
- Low operational weight and high mobility of the chassis and rig
- Maximum stability thanks to three-point chassis
- Two integrated, hydraulic proportional controlled rope winches for comfortable maneuvering at steep slopes
 - Swiveling rope guidance for frontal and lateral working with the rope
- Wide range of drilling methods possible
 - Full rubber tires for flawless operation



Drilling trolley BW100-4 3-wheeled drilling unit

The drill rig BW100 was specially developed for universal use on steep slopes. Due to its extreme mobility, even the most difficult drilling positions can be reached.

The BW100-4 three-wheeled drilling unit was especially designed for universal use on steep slopes. Thanks to its extreme mobility, even the most difficult drilling positions can be reached.



Technical specifications

Technical data

External power supply

Permissible operating pressure	200 bar
Permissible operating pressure	
Permissible oil temperature	75°C
Permissible oil temperature	
Ölbedarf // Oil requirement	60–120 l/min

Bohrturm // Drilling rig

Max. feed length // Max. feed length	1.700 mm
Max. feed force // Max. feed force	7.500 N
Max. retraction force // Max. retraction force	11.000 N

Winches

Number of winches	2
max. pulling force per winch	1.000 kg
// max. traction force per winch	
Rope capacity per winch	50 m

Dimensions // Dimensions

A	2.350 mm
B	2.000 mm
C / C1	2.590 / 800 mm
D / D1	0-125° / 60°-180°
∞	-37,5° - 37,5°
Total weight* // Total weight*	810 kg

* Export outside EU only // * For export outside EU only

** Without drill drive and without clamping device

** Without drilling drive and without clamping device

Accessories

Accessories

- Hydraulikhämmer // Hydraulic hammers
- Rotary motors // Rotary heads
- Hydraulikaggregate // Hydraulic power packs
- Hose packages // Hose bundles
- Hydr. clamping device // Hydr. clamping device
- Lubrication distributor with manual grease gun
// Lubricating distributor with manual grease gun

Technical data without consideration of efficiency. Subject to errors and changes.

Technical data without consideration of efficiency. Subject to errors and changes.

Bohrwagen BW600-2 3-wheeled drilling unit



areas of application

Range of application

avalanche barrier

Avalanche barriers

injection anchor drilling

Injection anchor drillings

slope protection

Slope stabilisations

Blast hole drilling in the steep slope

Blast hole drilling on steep slopes

➔ Hang Drilling Units Drill Jumbo

➔ Slope drilling units 3-wheeled drilling unit

The model impresses with the following features:

- Low operating weight and high mobility of chassis and derrick
- Maximum stability thanks to three-point chassis
 - Hydraulically proportional positioning of steering knuckle, idler wheel, derrick, etc.
 - Physical relief for operating personnel
- Maximum work safety thanks to FFS 400 radio remote control with 3.5 color display
- Maximum mobility on steep slopes thanks to external multi-gyms
 - Use of various drilling methods
 - Two-piece quick assembly system for transport by helicopter
 - Fulfills safety requirements according to drill rig standard EN16228

The model stands out with the following characteristics:

- Low operational weight and high mobility of the chassis and rig
- Maximum stability thanks to three-point chassis
- Hydraulically proportional positioning of steering knuckles, guide wheel, drilling rig, etc.
- Physical relief of the operators
- Maximum working safety through radio remote control FFS 400 with 3,5 color display
- Maximum mobility on steep slopes thanks to external power packs
- Wide range of drilling methods possible
- Two-piece quick assembly system for transport by helicopter
- Meets the safety requirements according drilling and foundation equipment EN16228

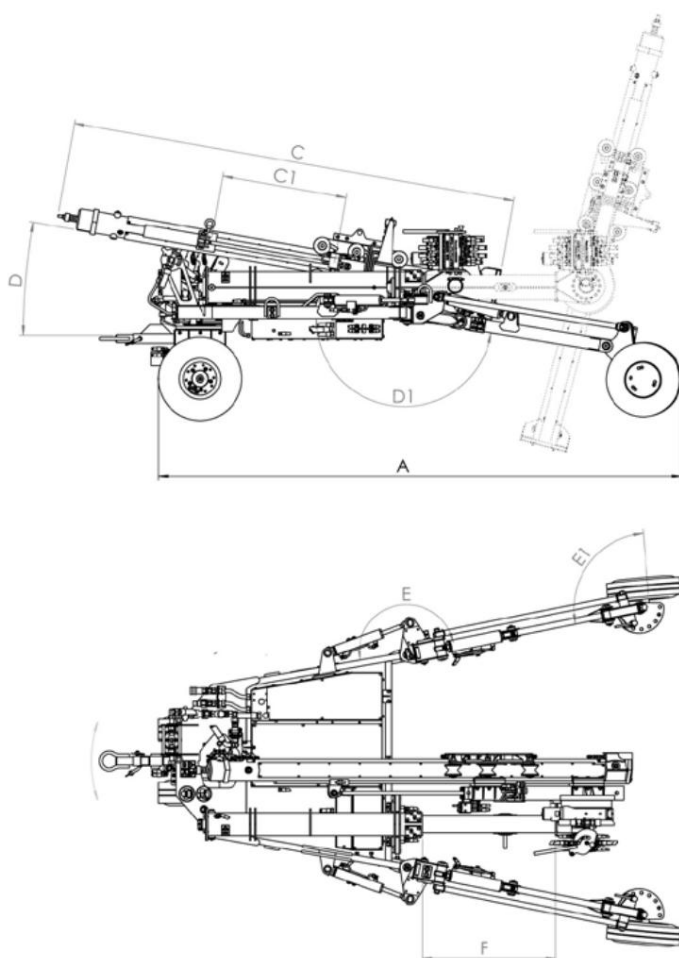


Bohrwagen BW600-2 3-wheeled drilling unit



The BW600-2 drilling rig was specially developed for universal use on steep slopes. Due to its extreme mobility, even the most difficult drilling positions can be reached. For transport by helicopter, the BW600-2 can be dismantled into two parts in a very short time using a quick-release system.

The BW600-2 wheeled drilling unit was especially designed for universal use on steep slopes. Thanks to its extreme mobility, even the most difficult drilling positions can be reached. For transport by helicopter the BW600-2 can be quickly split into two parts with a quick interlocking system.



Technical specifications

Technical data

External power supply

permissible operating pressure	200 bar
permissible operating pressure	
permissible oil temperature	75°C
permissible oil temperature	
Ölbedarf, ca. // Oil requirement approx.	60–120 l/min

Bohrturm//Drilling rig

max. feed length // max. feed length	1.700 mm
max. feed force // max. feed force	12.500 N
max. retraction force // max. retraction force	16.500 N

Dimensions //Dimensions

A	3.400 mm
B	2.350 mm
C / C1	2.900 / 800 mm
D / D1	10°–130° / 100°–170°
E / E1	125°–180° / 95°–215°
F	800 mm
Total weight // Total weight	1.250 kg

Accessories

Accessories

- Hydraulic cable //Hydraulic cable
- Hydraulikhämmer //Hydraulic hammers
- Rotary motors //Rotary heads
- Hydraulikaggregate //Hydraulic power packs
- Hose packages //Hose bundles
- Compressors //Compressors
- Hydraulic clamping devices
Hydraulic clamping devices

Technical data without consideration of efficiency. Subject to errors and changes.

Technical data without consideration of efficiency. Subject to errors and changes.

Bohrwagen BW600-3 3-wheeled drilling unit



areas of application

Range of application

avalanche barrier

Avalanche barriers

injection anchor drilling

Injection anchor drillings

slope protection

Slope stabilisations

Blast hole drilling in the steep slope

Blast hole drilling on steep slopes

➔ Hang Drilling Units Drill Jumbo

➔ Slope drilling units 3-wheeled drilling unit



The model impresses with the following features:

- Low overall weight and high mobility of the chassis and derrick
- Maximum stability thanks to the three-point chassis
- Two integrated, hydraulically proportionally controllable cable winches for comfortable maneuvering on steep slopes
- Pivoting cable pulley guides allow working with the cable from the front as well as from the side
 - Use of various drilling methods
- Maximum work safety thanks to FFS 400 radio remote control with 3.5" color display
 - Hydraulically proportional positioning of steering knuckle, idler wheel, derrick, etc.
 - Fulfills safety requirements according to drill rig standard EN16228

The model stands out with the following characteristics:

- Low overall weight and high mobility of the chassis and rig
- Maximum stability thanks to three-point chassis
- Two integrated, hydraulic proportional controlled rope winches for comfortable maneuvering at steep slopes
 - Swiveling rope guidance for frontal and lateral working with the rope
- Use of multiple drilling methods
- Maximum level of security due to the radio remote control FFS400 with a 3.5" color display
- Hydraulically proportional positioning of steering knuckles, guide wheel, drilling rig, etc.
- Meets the safety requirements according drilling and foundation equipment EN16228



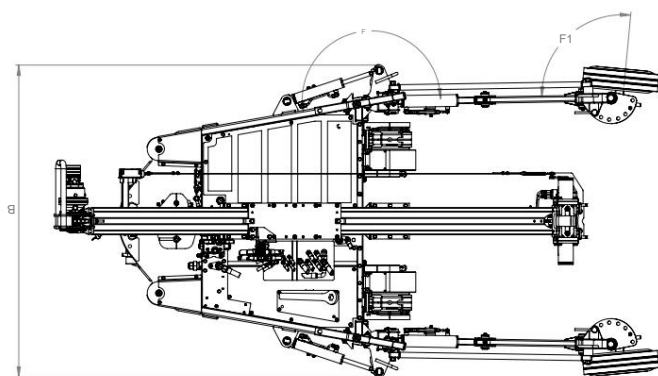
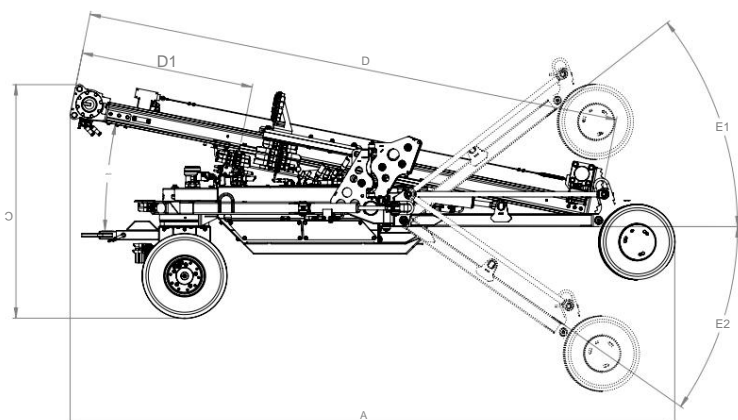
Bohrwagen BW600-3

3-wheeled drilling unit



The BW600-3 drilling rig was specially developed for universal use on steep slopes. Due to its extreme mobility, even the most difficult drilling positions can be reached.

The BW600-3 three-wheeled drilling unit was especially designed for universal use on steep slopes. Thanks to its extreme mobility, even the most difficult drilling positions can be reached.



Technical data without consideration of efficiency. Subject to errors and changes.

Technical data without consideration of efficiency. Subject to errors and changes.

Technical specifications

Technical data

External power supply

permissible operating pressure	200 bar
permissible operating pressure	
permissible oil temperature	75°C
permissible oil temperature	
Ölbedarf, ca. //Oil requirement approx.	60–120 l/min

Bohrturm//Drilling rig

max. feed length //max. feed length	2.350 mm
max. feed force //max. feed force	15.000 N
max. retraction force //max. retraction force	15.000 N

Winches//Winches

Number of winches	2
max. pulling force per winch //max. traction force per winch	1.200 kg
Rope capacity per winch	40 m

Dimensions //Dimensions

A	3.850 mm
B	1.990 mm
C	1.490mm
D / D1	3.420 / 1.100-2.100 mm
∠D	11°–109°
E1/E2	0°–38° / 0°–35°
F / F1	136°–189° / 95°–215°
Total weight* //Total weight*	1.400 kg

* Without drill drive and without clamping device

* Without drilling drive and without clamping device

Accessories

Accessories

- Proportionales Safety-Lock Air Valve
//Proportional „safety-lock“ air valve
- Hydraulikhämmer //Hydraulic hammers
- Rotary motors //Rotary heads
- Hydraulikaggregate //Hydraulic power packs
- Hose packages //Hose bundles
- Automatic grease pump //Automatic grease pump
- Hydr. Generator 24 V/
DC //Hydr. onboard generator 24 V/DC