

WWW.SKYBORTECH.COM

PRODUCT CATALOG

PORTABLE

LINE BORING MACHINES & TOOLS

SKYBORTECH BD/60
LINE BORING MACHINES & TOOLS
WWW.PORTABLEBORINGMACHINE.COM

PORTABLE LINE BORING MACHINE SERIES

SKYBORTECH allbome®

İstasyon Mah, Cilem Sokak, No:1 Kartepe Sanayi Sitesi,
H1 Blok No:50 41250 Kartepe / Kocaeli / TURKIYE

info@skybortech.com

► INTRODUCTION

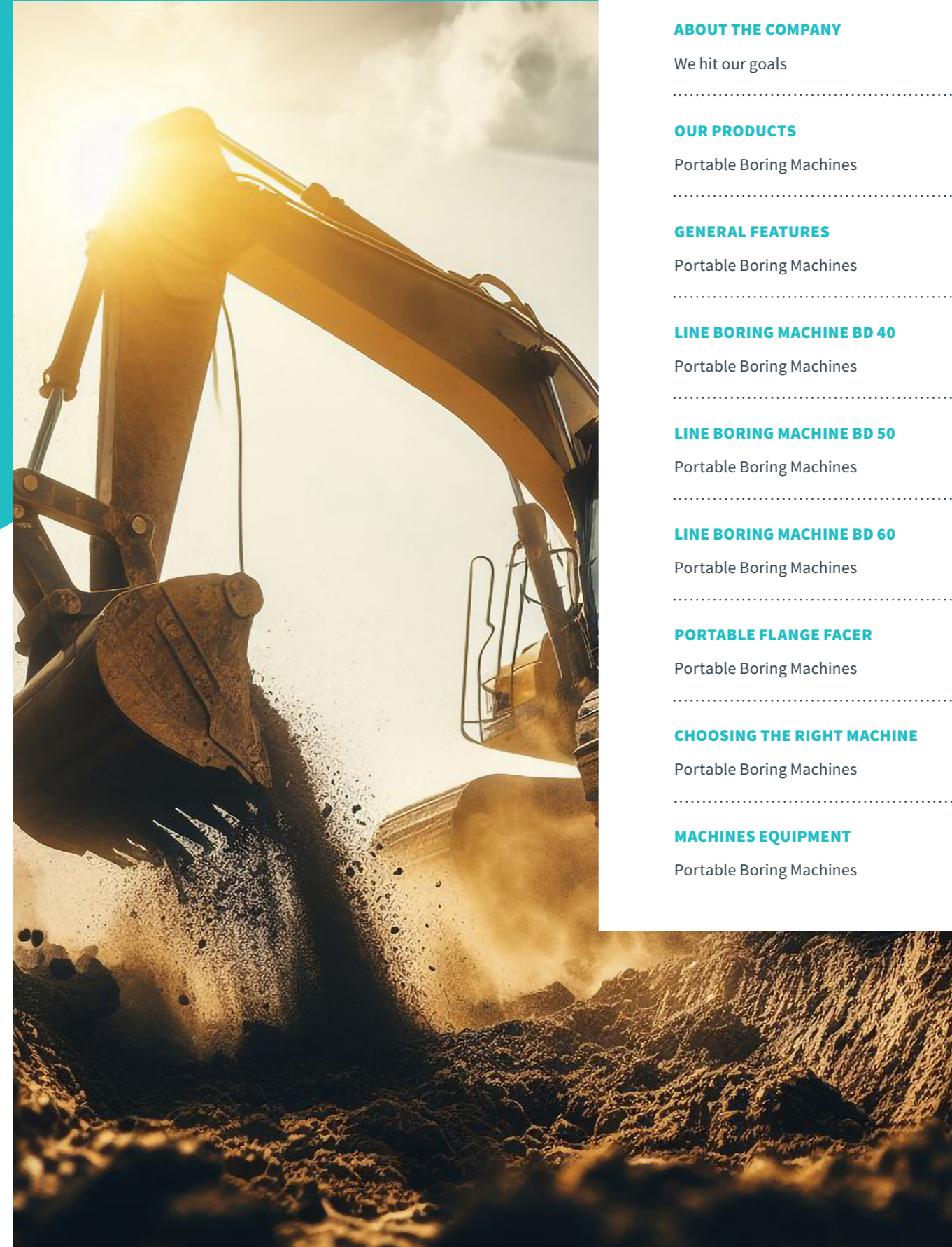
Portable line boring machine make on-site boring and **welding operations much faster and easier.**

allome

PED EXCESTISIT AB IDIT QUE NON CON

Our services include manufacturing machine spare parts, manufacturing a complete machine, stocking machine parts and carrying out the R&D activities necessary for the development of these machines.

Allame Makina ve Bilisim San. Tic. Ltd Sti



► CONTENT

ABOUT THE COMPANY	04
We hit our goals	
OUR PRODUCTS	05
Portable Boring Machines	
GENERAL FEATURES	06
Portable Boring Machines	
LINE BORING MACHINE BD 40	8
Portable Boring Machines	
LINE BORING MACHINE BD 50	12
Portable Boring Machines	
LINE BORING MACHINE BD 60	16
Portable Boring Machines	
PORTABLE FLANGE FACER	20
Portable Boring Machines	
CHOOSING THE RIGHT MACHINE	22
Portable Boring Machines	
MACHINES EQUIPMENT	24
Portable Boring Machines	

20 YEARS OF EXPERIENCE
Revolutionizing Precision Machinery
Solutions

▶ ABOUT OUR COMPANY

COMPANY OVERVIEW

At SKYBORTECH, we are pioneers in the field of precision machinery solutions, specializing in portable line boring and welding machines. With a rich history spanning over two decades, our company is committed to excellence, innovation, and customer satisfaction.

SKYBORTECH Machine is one of the most important leaders in the field of portable line boring and welding machines. With more than 20 years experience, our company; it guarantees satisfaction and success on all products. Allame Experts are not only involved in line boring machines, but also in MIG / MAG welding, electronic automation, and motor control systems. Considering that most of the other machine manufacturers

produce single-function machines, our company offers multifunctional machines with intelligent automation for industry users. For more than 20 years, our work in related sectors gives us the chance to answer the questions facing industrial circles. When we experience our machines, we are proud to see that many professionals from different sectors have changed their preferences.

SKYBORTECH LINE BORING MACHINES

allome®

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▶ OUR PRODUCTS

When it comes to repairing excavators and other heavy equipment, selecting the right portable line boring machine is crucial.



BD 40

PORTABLE LINE BORING MACHINE BD-40

Bar shaft diameter: 40 mm.

In-hole machining diameter
(boring)

From 42mm to 400mm.

In-hole machining diameter (welding)
From 60mm to 400mm.



BD 50

PORTABLE LINE BORING MACHINE BD-50

Bar shaft diameter: 50 mm.

In-hole machining diameter
(boring)

From 52mm to 450mm.

In-hole machining diameter
(welding)
From 60mm to 450mm.



BD 60

PORTABLE LINE BORING MACHINE BD-60

Bar shaft diameter: 60 mm.

In-hole machining diameter (boring)
From 62mm to 700mm.

In-hole machining diameter (welding)
From 65mm to 700mm.

“THE INNOVATIVE ROLE OF
PORTABLE BORING MACHINES”

▶ PORTABLE LINE BORING MACHINES MANUFACTURER IN TURKIYE!



QUALITY AND TRUST

Trust is at the foundation of our relationships with our customers and our suppliers.



DISCOVER THE POTENTIAL

We bring value through the quality of our services and our competitively priced products.



READY TO SHIP!

Selected portable line boring machines and accessories from our production ready to be shipped right away.



Lightweight, Ergonomic and Modular System

Our machine consists of 4 different units.

Control unit

Servo motor unit

Rotary shaft and connection equipment

All vehicles and equipment will be safer and more organized thanks to the transport vehicle.

You will have all of the tools and equipment you need in your field and workshop work.



▶ LINE BORING MACHINE BD-40

SOME FEATURES THAT MAKE PORTABLE BORING MACHINE DIFFERENT

The equipment and consumables used in our products are chosen in the best quality and our valued customers will feel the difference of this quality for a long time.

- More powerful and trouble-free with the engine-coupled transmission.
- The gears are hardened with 55 HRC and are made more durable.
- Easy installation due to the structure consisting of light and durable materials.
- The electronic panel allows you to control the sensitivity and power at the same time.
- High standard modular design for ease of installation and transport.
- We produce reliable products with 600 hours working guarantee.



TECHNICAL INFORMATION AND EVALUATION BD 40 MODEL



USAGE AREAS

Portable boring machine is widely used in many areas, cranes, excavators, bulldozers, tractors, offshore platforms, in ship machines and storage tanks and so on.

ELECTRIC MOTORS & DRIVE SPECIFICATIONS

Bar shaft turn motor

Motor Power: 750 Watts 5000 Rpm Min. 220 VAC
Max. 240 VAC (**Servo System**)

Motor Gearbox: 1/10 Rotation 141 Nm/Max.

Electric Drive Specifications

Min: 1 Rpm. (rev/min.) – Max: 285 Rpm. (rev/min.)

Working Voltage: Min. 220 V(AC) – Max. 240 VAC

Bar shaft Forward and reverse motion motor

AC servo system

AC servo motor : 400 Watts

Voltage : Min. 220 VAC – Max. 240 VAC

Servo Speed Adjustment : Min. 0.05mm - Max. 95 mm

Motor : 400 Watts 5000 Rpm Max.

Min. 220 VAC Max. 240 VAC (**Servo System**)

Motor Gearbox: 1 / 10 Rotation 40 Nm/Max.

Stroke : 230mm.

- Wide speed range, flat torque
- Excellent speed stability
- Compact and high power
- High efficiency and energy-saving



MACHINING CAPACITY

Bar shaft diameter: 40 mm.

In-hole machining diameter (boring): From 42mm to 400mm.

In-hole machining diameter (welding): From 60mm to 400mm.

ELECTRONIC CONTROL PANEL

Industrial Type HMI 7" touch screen control panel

Industrial Connection socket 24 pins 5 meters long.

Socket : IP 67 sensor switch

Progress: Automatic movement system

Operating Temperature: 0 °C - +60 °C

Power on Toggle Switch: IP 67

Power Required for Generator: 230 VAC (Inverter)

Working voltage:

230VAC 50/60 hz – 10 Amp.

Control circuit devices and switching elements :

- Start / Stop switch
- Emergency button
- Toggle switches(Right left rotation switch/stepping)
- Emergency button
- Speed/cyclic control knob
- Move back and forth stepping switch
- Fast motion button
- Reset button
- Control screen

STANDARD EQUIPMENT LIST BD-40

1	ONE PIECE SHAFT Ø40MM x 2200MM	1 Set
2	THE MACHINE WITH ELECTRIC DRIVES	1 Pcs
3	ELECTRONIC CONROL PANEL	1 Pcs
4	MACHINE CARRIAGE CAR (MACHINE STAND)	1 Pcs
5	BAR BEARING SUPPORT	4 Pcs
6	JAW 60 X 30 X 70 MM (FOR ADJUSTING DIAMETERS)	12 Pcs
7	JAW 60 X 40 X 120 MM (FOR ADJUSTING DIAMETERS)	12 Pcs
8	BRACKET 30 X 30 X 195 MM (BRACKETS FOR ADJUSTING DIAMETERS)	12 Pcs
9	RIGHT LATHE PEN S12K SCLCR 100MM	1 Pcs
10	LEFT LATHE PEN S12K SCLCL 100MM	1 Pcs
11	RIGHT LATHE PEN S12D SCACR 50MM	1 Pcs
12	LEFT LATHE PEN S12D SCACL 50MM	1 Pcs
13	LEFT LATHE PEN S12D SCMCN 50MM	1 Pcs
14	CCMT 09T304 CUTTING DIAMOND	10 Pcs
15	COMPARATOR	1 Pcs
16	COMPLATE CENTERING KIT	1 Pcs
17	M10x230MM THREADED BARS SET FOR THE CENTERING KIT	6 Pcs
18	TOOL HOLDER BAR EXTENSION D. 100 MM	1 Pcs
19	TOOL HOLDER BAR EXTENSION D. 140 MM	1 Pcs
20	TOOL HOLDER BAR EXTENSION D. 230 MM	1 Pcs
21	TOOL HOLDER BAR EXTENSION D. 65 MM	1 Pcs
22	TOOL HOLDER BAR EXTENSION D. 95 MM	1 Pcs
23	TOOL HOLDER BAR EXTENSION D. 125 MM	1 Pcs
24	ONE PIECE WELDING TORCH SHAFT D=40 mm TOT. LGHT 1300MM	1 Pcs
25	WELDING TORCH CABLE WITH EUR.-FITTING 3MT 250 CURRENT	1 Pcs
26	TORCH HEAD EXTENTION D 50MM	1 Pcs
27	TORCH HEAD EXTENTION D 100MM	1 Pcs
28	TORCH HEAD EXTENTION D 300MM	1 Pcs
29	TORCH HEAD (TIP A) 50MM	1 Pcs
30	TORCH HEAD (TIP B) 100MM	1 Pcs
31	SHORT GAS DIFFUSER NOZZLES 50MM	5 Pcs
32	LONG GAS DIFFUSER NOZZLES 35MM	5 Pcs
33	COPPER WIRE CONTACT 0,8X25	5 Pcs
34	COPPER WIRE CONTACT 0,8X28	5 Pcs
35	CHAIN	1 Pcs
36	BELT	1 Pcs
37	ALLEN KEY SET	1 Pcs
38	FLAT SCREWDRIVER	1 Pcs
39	STAR SCREWDRIVER	1 Pcs
40	20/22 DOUBLE ENDED OPEN JAW WRENCH MASTER	1 Pcs
41	24/26 DOUBLE ENDED OPEN JAW WRENCH MASTER	1 Pcs

EXTENSION SET

WELDING KIT INTERNALLY (FROM 70MM TO 400MM)

SUBSTITUTIONAL MATERIALS



SENSITIVE OPERATIONS

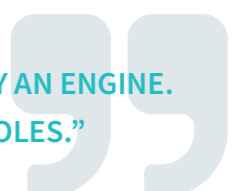
Portable Line Boring Welding Machine delivers your projects on time and makes quality much easier; With our professional technical machines, you can make your sensitive operations much easier. You will confirm the quality of all the equipment we use.



Line Boring Machine

info@portableboringmachine.com

“A MOBILE BORING MACHINE HAS A ROTATING DRILL HEAD POWERED BY AN ENGINE. THIS HEAD ALLOWS FOR THE PRECISE DRILLING OF LARGE DIAMETER HOLES.”



▶ PORTABLE LINE BORING MACHINE BD-50

Discover the essential features of our line boring machine!

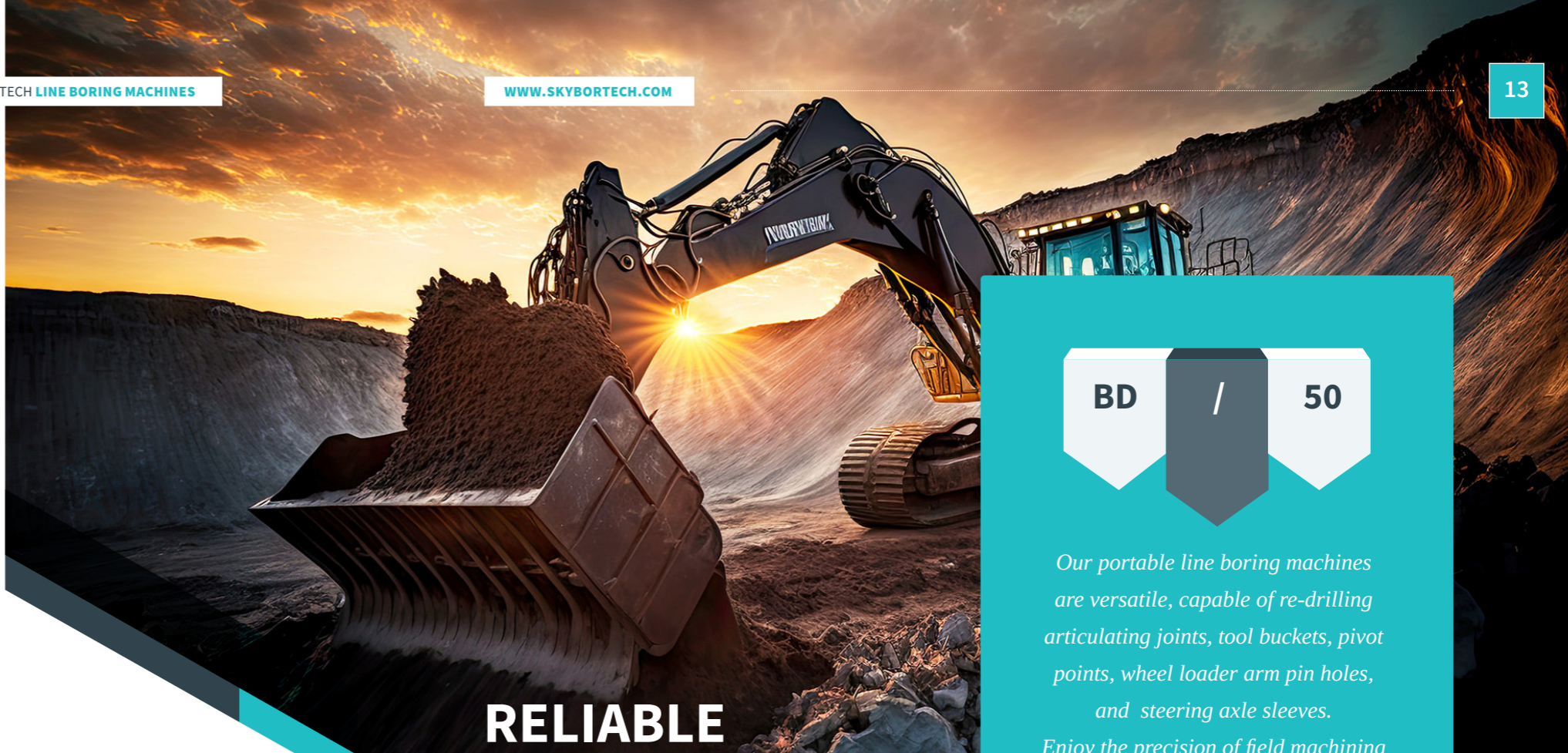
The BD-50 portable line boring machine extends its reach within the bore, ensuring maximum resilience and a superior surface finish.

Our portable line boring machines are versatile, capable of re-drilling articulating joints, tool buckets, pivot points, wheel loader arm pin holes, and steering axle sleeves.

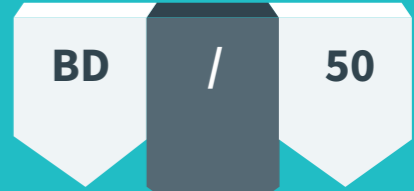
Look down to the basic features of line boring machine!

The portable line boring machine cuts within the drag to extend its measurement.

The line boring machines are created so a drag could be set aside a few minutes, by delivering the most astounding resilience and conceivable surface complete with it.



RELIABLE PERFORMANCE GUARANTEED



Our portable line boring machines are versatile, capable of re-drilling articulating joints, tool buckets, pivot points, wheel loader arm pin holes, and steering axle sleeves. Enjoy the precision of field machining repairs on-site, minimizing downtime and maximizing productivity.

01. MORE POWERFUL
More powerful and trouble-free with the engine-coupled transmission.

02. MORE DURABLE
The gears are hardened with 55 HRC and are made more durable.

03. EASY INSTALLATION
Easy installation due to the structure consisting of light and durable materials.

04. SENSITIVITY AND POWER
The electronic panel allows you to control the sensitivity and power at the same time.

05. HIGH STANDARD
High standard modular design for ease of installation and transport.

06. 600 HOURS WORKING
We produce reliable products with 600 hours working guarantee.

SPECIFICATIONS

The portable line boring machines can be in different which incorporate the re-drilling of articulating joints, tool pails, pivot focuses, wheel loader arm stick openings and guiding hub sleeves which mind utilized in the hardcore fork trucks.

The advantage you will get by utilizing the convenient exhausting line hardware is that it additionally offers the accuracy documented coordinating repairs too which can be made set up or in the site. By picking it, you will be required with a base measure of unbolting breaks, destroying and downtime will likewise be limited. Further, it will so help in expanding the profitability.

SOME FEATURES

The portable line boring machine should comprise of quality workmanship along with site tolerances and they are really easy to set up and install. These machines are of robust design and construction.



TECHNICAL INFORMATION AND EVALUATION BD 50 MODEL

STANDARD EQUIPMENT LIST BD-50



USAGE AREAS

Portable boring machine is widely used in many areas, cranes, excavators, bulldozers, tractors, offshore platforms, in ship machines and storage tanks and so on.

ELECTRONIC CONTROL PANEL

- Industrial Type HMI 7" touch screen control panel
- Industrial Connection socket 24 pins 5 meters long.
- Socket :** IP 67 sensor switch
- Progress:** Automatic movement system
- Operating Temperature:** 0 °C - +60 °C
- Power on Toggle Switch:** IP 67
- Power Required for Generator:** 230 VAC (Inverter)
- Working voltage:** 230VAC 50/60 hz – 10 Amp.
- Control circuit devices and switching elements :**
 - Start / Stop switch
 - Emergency button
 - Toggle switches(Right left rotation switch/stepping)
 - Emergency button
 - Speed/cyclic control knob
 - Move back and forth stepping switch
 - Fast motion button
 - Reset button
 - Control screen



ELECTRIC MOTORS & DRIVE SPECIFICATIONS

- Bar shaft turn motor**
 - Motor Power:** 750 Watts 5000 Rpm Min. 220 VAC Max. 240 VAC (**Servo System**)
 - Motor Gearbox:** 1/10 Rotation 141 Nm/Max.
- Electric Drive Specifications**
 - Min: 1 Rpm. (rev/min.) – Max: 285 Rpm. (rev/min.)
 - Working Voltage:** Min. 220 V(AC) – Max. 240 VAC
- Bar shaft Forward and reverse motion motor**
 - AC servo system
 - AC servo motor :** 400 Watts
 - Voltage :** Min. 220 VAC – Max. 240 VAC
 - Servo Speed Adjustment :** Min. 0.05mm - Max. 95 mm
 - Motor :** 400 Watts 5000 Rpm Max.
 - Min. 220 VAC Max. 240 VAC (**Servo System**)
 - Motor Gearbox:** 1 / 10 Rotation 40 Nm/Max.
 - Stroke :** 230mm.
 - Wide speed range, flat torque
 - Excellent speed stability
 - Compact and high power
 - High efficiency and energy-saving
- MACHINING CAPACITY**
 - Bar shaft diameter: 50 mm.
 - In-hole machining diameter (boring) From 52mm to 450mm.
 - In-hole machining diameter (welding) From 60mm to 450mm.

EXTENSION SET
WELDING KIT
SUBSTITUTIONAL MATERIALS
INTERNALLY (FROM 70MM TO 400MM)

1	ONE PIECE SHAFT Ø50MM x 2200MM	1 Set
2	THE MACHINE WITH ELECTRIC DRIVES	1 Pcs
3	ELECTRONIC CONROL PANEL	1 Pcs
4	MACHINE CARRIAGE CAR (MACHINE STAND)	1 Pcs
5	BAR BEARING SUPPORT	4 Pcs
6	JAW 60 X 30 X 70 MM (FOR ADJUSTING DIAMETERS)	12 Pcs
7	JAW 60 X 40 X 120 MM (FOR ADJUSTING DIAMETERS)	12 Pcs
8	BRACKET 40 X 40 X 250 MM (BRACKETS FOR ADJUSTING DIAMETERS)	12 Pcs
9	RIGHT LATHE PEN S16P SCLCR 120MM	1 Pcs
10	LEFT LATHE PEN S16P SCLCL 120MM	1 Pcs
11	RIGHT LATHE PEN S16D SCACR 60MM	1 Pcs
12	LEFT LATHE PEN S16D SCACL 60MM	1 Pcs
13	LEFT LATHE PEN S16D SCMCN 60MM	1 Pcs
14	CCMT 09T304 CUTTING DIAMOND	10 Pcs
15	COMPARATOR	1 Pcs
16	COMPLATE CENTERING KIT	1 Pcs
17	M12 X 230MM THREADED BARS SET FOR THE CENTERING KIT	6 Pcs
18	TOOL HOLDER BAR EXTENSION D. 100 MM	1 Pcs
19	TOOL HOLDER BAR EXTENSION D. 140 MM	1 Pcs
20	TOOL HOLDER BAR EXTENSION D. 230 MM	1 Pcs
21	TOOL HOLDER BAR EXTENSION D. 65 MM	1 Pcs
22	TOOL HOLDER BAR EXTENSION D. 95 MM	1 Pcs
23	TOOL HOLDER BAR EXTENSION D. 125 MM	1 Pcs
24	ONE PIECE WELDING TORCH SHAFT D=50 mm TOT. LGHT 1300MM	1 Pcs
25	WELDING TORCH CABLE WITH EUR.-FITTING 3MT 250 CURRENT	1 Pcs
26	TORCH HEAD EXTENTION D 50MM	1 Pcs
27	TORCH HEAD EXTENTION D 100MM	1 Pcs
28	TORCH HEAD EXTENTION D 300MM	1 Pcs
29	TORCH HEAD (TIP A) 50MM	1 Pcs
30	TORCH HEAD (TIP B) 100MM	1 Pcs
31	SHORT GAS DIFFUSER NOZZLES 50MM	5 Pcs
32	LONG GAS DIFFUSER NOZZLES 35MM	5 Pcs
33	COPPER WIRE CONTACT 0,8X25	5 Pcs
34	COPPER WIRE CONTACT 0,8X28	5 Pcs
35	CHAIN	1 Pcs
36	BELT	1 Pcs
37	ALLEN KEY SET	1 Pcs
38	FLAT SCREWDRIVER	1 Pcs
39	STAR SCREWDRIVER	1 Pcs
40	20/22 DOUBLE ENDED OPEN JAW WRENCH MASTER	1 Pcs
41	24/26 DOUBLE ENDED OPEN JAW WRENCH MASTER	1 Pcs



SKYBORTECH LINE BORING MACHINES

TECHNICAL INFORMATION AND EVALUATION

BD 60 MODEL



USAGE AREAS

Portable boring machine is widely used in many areas, cranes, excavators, bulldozers, tractors, offshore platforms, in ship machines and storage tanks and so on.

ELECTRIC MOTORS & DRIVE SPECIFICATIONS

Bar shaft turn motor

Motor Power: 1000 Watts 5000 Rpm Min. 220 VAC
Max. 240 VAC (**Servo System**)

Motor Gearbox: 1/10 Rotation 360 Nm/Max.

Electric Drive Specifications

Min: 1 Rpm. (rev/min.) – Max: 285 Rpm. (rev/min.)

Working Voltage: Min. 220 V(AC) – Max. 240 VAC

Bar shaft Forward and reverse motion motor

AC servo system

AC servo motor : 400 Watts

Voltage : Min. 220 VAC – Max. 240 VAC

Servo Speed Adjustment : Min. 0.05mm - Max. 95 mm

Motor : 400 Watts 5000 Rpm Max.

Min. 220 VAC Max. 240 VAC (**Servo System**)

Motor Gearbox: 1 / 10 Rotation 40 Nm/Max.

Stroke : 230mm.

- Wide speed range, flat torque
- Excellent speed stability
- Compact and high power
- High efficiency and energy-saving



MACHINING CAPACITY

Bar shaft diameter: 60 mm.

In-hole machining diameter (boring): From 62mm to 700mm.

In-hole machining diameter (welding): From 65mm to 700mm.

ELECTRONIC CONTROL PANEL

Industrial Type HMI 7” touch screen control panel

Industrial Connection socket 24 pins 5 meters long.

Socket : IP 67 sensor switch

Progress: Automatic movement system

Operating Temperature: 0 °C - +60 °C

Power on Toggle Switch: IP 67

Power Required for Generator: 230 VAC (Inverter)

Working voltage:

230VAC 50/60 hz – 10 Amp.

Control circuit devices and switching elements :

- Start / Stop switch
- Emergency button
- Toggle switches(Right left rotation switch/stepping)
- Emergency button
- Speed/cyclic control knob
- Move back and forth stepping switch
- Fast motion button
- Reset button
- Control screen

▶ PORTABLE LINE BORING MACHINE BD-60

The BD-60 portable line boring machine excels in enlarging bore diameters swiftly and precisely. Engineered for maximum resilience and superior surface finish, it ensures efficient bore creation in heavy construction equipment like loaders and cranes, offering unparalleled cost-effectiveness.

Portable Line Boring & Welding Machine are utilized for delivering smooth and exact openings in a workpiece by expanding existing gaps with a drag, this may bear a solitary cutting tip of steel, established carbide, or precious stone or might be a little granulating wheel.

Auto Boring & Welding Systems has a quick and easy setup

- Quick and straightforward setup using splendid cast-squeeze set-up cones and round bearing mounts.
- Protected roundabout bearing mounting system grants expedient setup, with up to 4° of bearing misalignment.
- Regular set-up time for an expert manager is 25-30 minutes or less.

STANDARD EQUIPMENT LIST BD-60

1	ONE PIECE SHAFT Ø60MM x 2200MM	1 Set
2	THE MACHINE WITH ELECTRIC DRIVES	1 Pcs
3	ELECTRONIC CONROL PANEL	1 Pcs
4	MACHINE CARRIAGE CAR (MACHINE STAND)	1 Pcs
5	BAR BEARING SUPPORT	4 Pcs
6	JAW 60 X 30 X 70 MM (FOR ADJUSTING DIAMETERS)	12 Pcs
7	JAW 60 X 40 X 150 MM (FOR ADJUSTING DIAMETERS)	12 Pcs
8	BRACKET 45 X 45 X 350 MM (BRACKETS FOR ADJUSTING DIAMETERS)	12 Pcs
9	RIGHT LATHE PEN S16P SCLCR 120MM	1 Pcs
10	LEFT LATHE PEN S16P SCLCL 120MM	1 Pcs
11	RIGHT LATHE PEN S16D SCACR 50MM	1 Pcs
12	LEFT LATHE PEN S16D SCACL 50MM	1 Pcs
13	LEFT LATHE PEN S16D SCMCN 50MM	1 Pcs
14	CCMT 09T304 CUTTING DIAMOND	10 Pcs
15	COMPARATOR	1 Pcs
16	COMPLATE CENTERING KIT	1 Pcs
17	M14 X 500MM THREADED BARS SET FOR THE CENTERING KIT	6 Pcs
18	TOOL HOLDER BAR EXTENSION D. 110 MM	1 Pcs
19	TOOL HOLDER BAR EXTENSION D. 140 MM	1 Pcs
20	TOOL HOLDER BAR EXTENSION D. 255 MM + TOOL HOLDER BAR EXTENSION D. 390 MM	2 Pcs
21	TOOL HOLDER BAR EXTENSION D. 60 MM	1 Pcs
22	TOOL HOLDER BAR EXTENSION D. 90 MM	1 Pcs
23	TOOL HOLDER BAR EXTENSION D. 120 MM	1 Pcs
24	ONE PIECE WELDING TORCH SHAFT D=50 mm TOT. LGHT 1300MM	1 Pcs
25	WELDING TORCH CABLE WITH EUR.-FITTING 3MT 250 CURRENT	1 Pcs
26	TORCH HEAD EXTENTION D 50MM	1 Pcs
27	TORCH HEAD EXTENTION D 100MM	1 Pcs
28	TORCH HEAD EXTENTION D 300MM	1 Pcs
29	TORCH HEAD (TIP A) 50MM	1 Pcs
30	TORCH HEAD (TIP B) 100MM	1 Pcs
31	SHORT GAS DIFFUSER NOZZLES 50MM	5 Pcs
32	LONG GAS DIFFUSER NOZZLES 35MM	5 Pcs
33	COPPER WIRE CONTACT 0,8X25	5 Pcs
34	COPPER WIRE CONTACT 0,8X28	5 Pcs
35	CHAIN	1 Pcs
36	BELT	1 Pcs
37	ALLEN KEY SET	1 Pcs
38	FLAT SCREWDRIVER	1 Pcs
39	STAR SCREWDRIVER	1 Pcs
40	20/22 DOUBLE ENDED OPEN JAW WRENCH MASTER	1 Pcs
41	24/26 DOUBLE ENDED OPEN JAW WRENCH MASTER	1 Pcs

EXTENSION SET

WELDING KIT INTERNALLY (FROM 70MM TO 400MM)

SUBSTITUTIONAL MATERIALS





▶ PORTABLE FLANGE FACER

A portable flange facing machine, also known as a flange facer, is a specialized tool designed for on-the-spot machining of flanges. These machines offer the flexibility and convenience of being easily transported to the work site, eliminating the need for complex setups and transportation of heavy equipment.

▶ PRECISION FLANGE TURNING ON THE MOVE

Flange facing involves the precision machining of flanges to achieve smooth and accurate surfaces, ensuring proper alignment and sealing. Portable flange facing machines excel in this task, allowing operators to turn, mill, and resurface flanges with precision, regardless of the location or environmental challenges.

▶ MOBILE FLANGE FACING MACHINES: KEY FEATURES

Portability: The defining feature. These machines are designed for easy transport, enabling on-site machining without the hassle of moving heavy equipment.
Durability and Strength: Built to withstand demanding conditions, portable flange facing machines are constructed with robust materials, ensuring longevity and reliability in diverse work environments.

▶ FLANGE FACER DIMENSIONS

PORTABLE FLANGE FACER TECHNICAL INFORMATION

- BD-40 : Ø 48 - 255 mm (1,89" - 10,04")
- BD-50 : Ø 56 - 400 mm (2,20" - 15,75")
- BD-60 : Ø 228 - 500 mm (8,98" - 19,68")
- Ø 376 - 800 mm (14,80" - 31,50")



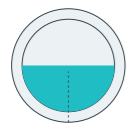
VERSATILITY IN FLANGE MAINTENANCE

Portable flange facing machines are not limited to specific industries. They find applications across various sectors, including oil and gas, petrochemicals, power generation, and more. Their versatility allows for the efficient maintenance and repair of flanges in different settings.



➤ CHOOSING THE RIGHT PORTABLE LINE BORING MACHINE!

When it comes to repairing excavators and other heavy equipment, selecting the right portable line boring machine is crucial. One popular option is the servo motor line boring machine, which offers precise control and electric-powered efficiency.



DETERMINE THE SCOPE OF WORK

Before selecting a portable line boring machine, assess the scope of work you'll be handling. Consider the types of equipment, the sizes of bores to be repaired, and the materials involved. This evaluation will help you understand the specifications and capabilities required from the machine.

“WE LOOK FORWARD TO DOING GREAT THINGS WITH YOU ANYWHERE IN THE WORLD “



Power Source: Servo Motor and Electricity

Servo motor line boring machines operate using electricity, providing precise control over the boring process. The power source is an essential consideration, as it affects the machine's performance, efficiency, and portability. Opting for an electric line boring machine allows for quieter operation and greater control, making it suitable for sensitive environments.

➤ ADVANTAGES OF PORTABLE LINE BORING MACHINES!

Precision: One of the key advantages of line boring machines is their ability to deliver high precision and accuracy. Utilizing a computer-controlled system, these machines maintain consistency throughout the boring process, resulting in finished bores that meet the required tolerance.

Efficiency: Compared to traditional methods, line boring machines complete the boring process in significantly less time. Their efficiency shines through as they accurately and swiftly bore large diameter bores, minimizing downtime and generating cost savings.

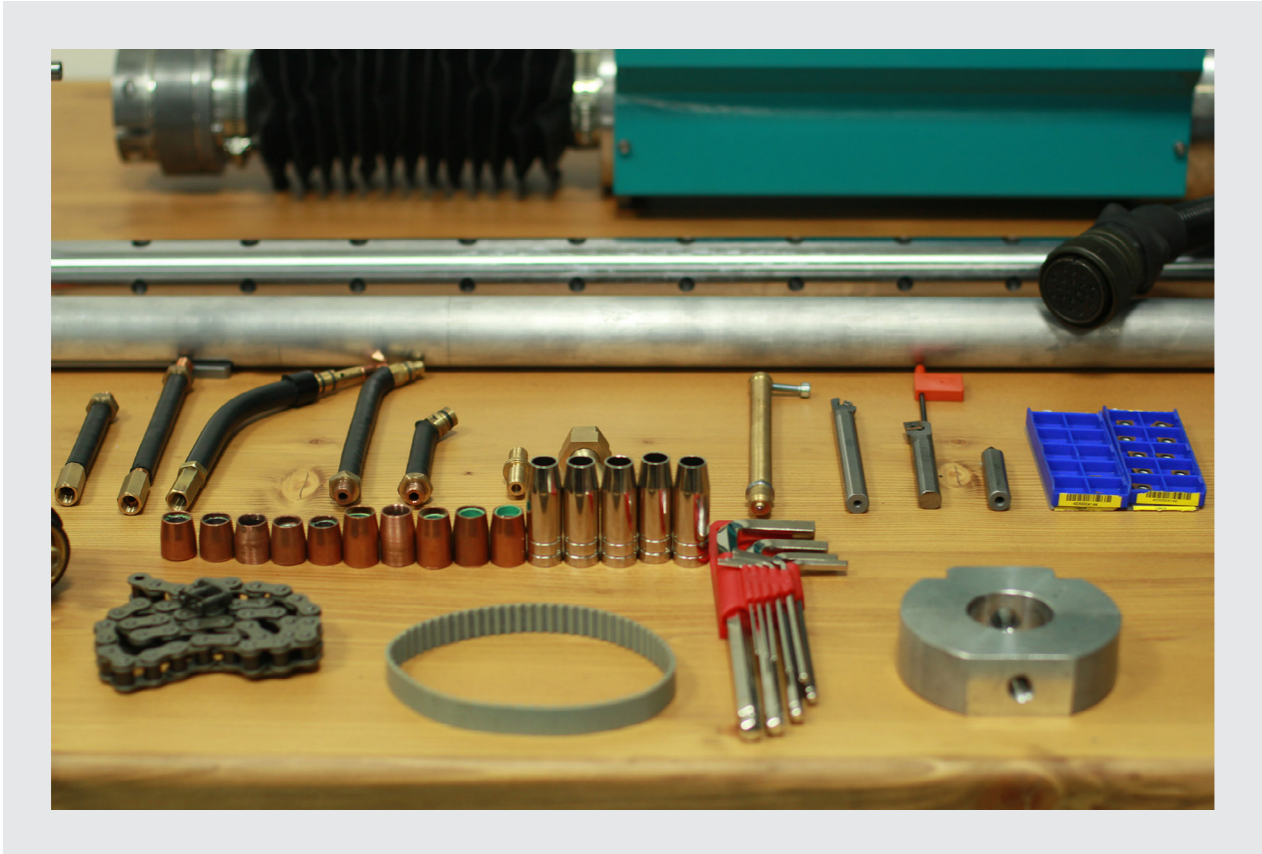
Versatility: Portable Line boring machines are incredibly versatile, capable of working on a wide range of equipment. From excavators and bulldozers to cranes and other heavy machinery, these machines find applications in various industries, including mining, construction, and marine.

Portability: Thanks to their portability, these machines can be easily moved to repair or maintenance sites. This eliminates the need to disassemble the equipment and transport it to a repair shop, resulting in substantial time and cost savings.

Cost-effectiveness: In terms of cost-effectiveness, line boring machines offer an exceptional advantage over traditional bore repair methods. By eliminating the requirement for equipment disassembly, transportation to a repair shop, and subsequent reassembly, these machines significantly reduce labor costs, downtime, and transportation expenses.



▶ PORTABLE LINE BORING MACHINES EQUIPMENT



albome®



SKYBORTECH allome®

CONTACT INFORMATION

İstasyon Mah, Çilem Sokak, No:1 Kartepe Sanayi Sitesi,
H1 Blok No:50 Kocaeli/Turkiye

• Phone : +90 533 778 9941 • E-mail : info@skybortech.com • Web : www.skybortech.com