

BARFIDE®

Parts catchers & Multi-spindle bar feeders

CATALOGUE

To segment production and facilitate frequent inspection operations.

SORTERS WITH CONTAINERS SPO



SORTERS WITH CONTAINERS SP1



SORTERS WITH CONTAINERS SP2



PARTS CATCHERS WITH BASKETS: SPC P

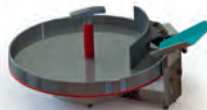


To prevent impacts and facilitate the operator's handling and packaging of parts prior to the washing of sorted parts.

ACCUMULATION TABLE ATS



ACCUMULATION TABLE SP1.ATS.350

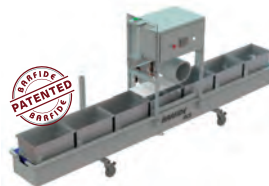


To prevent impacts and package bulk parts directly into baskets for a bulk washing operation.

ANTI CHOC SYSTEM ACS COMPACT



ANTI CHOC SYSTEM ACS XP



PARTS CATCHERS WITH BASKETS: SPC P



PRESENTATION OF THE RANGE

SORTERS WITH CONTAINERS

- SPO
- SP1
- SP2



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ACCUMULATION TABLE

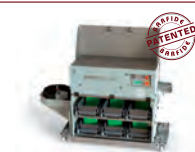
- SP1.ATS.350
- ATS



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PARTS CATCHERS WITH BASKETS

- SPC
- SPC P



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ANTI CHOC SYSTEM

- ACS COMPACT
- ACS XP



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NOVEL BASKET STAND



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CUTTING FLUID LEVEL DETECTION



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REDUCTION TUBE

- Single-spindle: RBMO
- Multi-spindle: RBMU



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MULTI-SPINDLE BAR FEEDERS

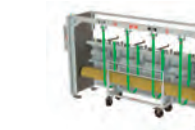
- TBL BASIC
- TBL FULL
- CARRO DE BARRAS



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BAR LOADERS

- LFA
- LME



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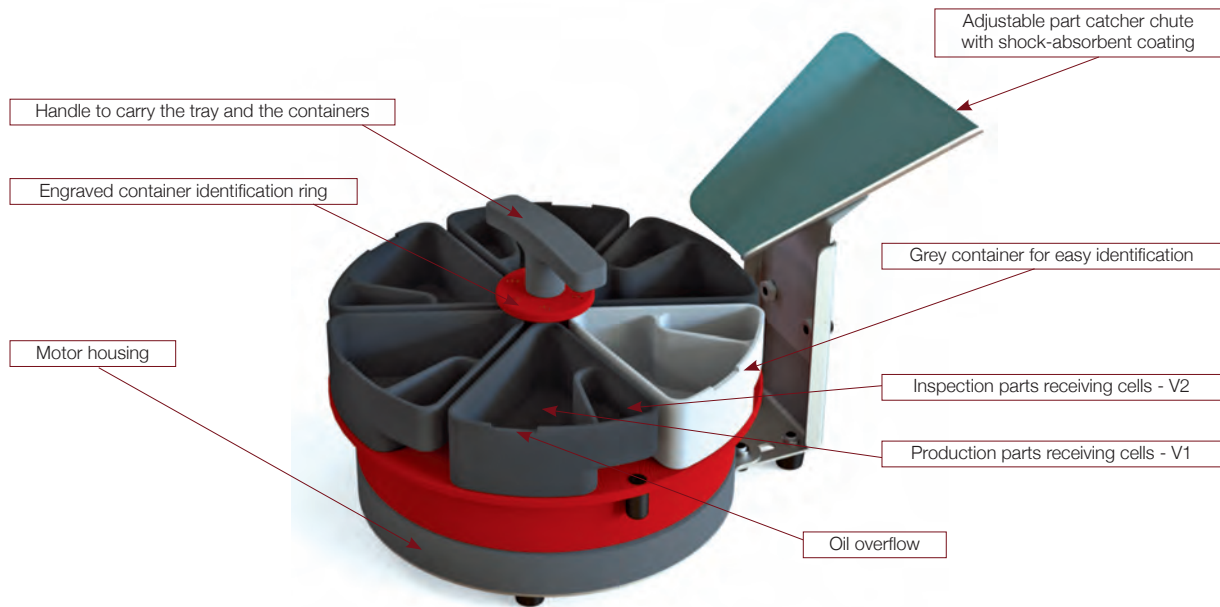
BAR CHAMFERING MACHINES

- CFB
- CFF



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SORTER WITH CONTAINERS: SPO



SEPARATE CONTROL UNIT, TWO TYPES OF UNIT: TEMPO (TIMER) OR TACTILE (TOUCH)

Turntable to collect parts that come out of the machine and to separate the inspection parts.

The parts collector disc is divided up by six containers, each with one dish to collect production parts and a second, smaller dish for the inspection parts to be collected separately.

The whole assembly is resistant to cutting oils and shavings, and can be incorporated into the inside of the machining centres.

The top part is interchangeable according to the size of the parts to be processed.

The sorter has an electric motor powered at 24 Vdc.

It can be powered directly from the machining centre, or via a 230-Vac/24-Vdc transformer.

- **“TEMPO”** consisting of an On/Off button, a time delay for the production part (V1) and a time delay for the sampling part (V2). The time delays must be set according to the desired cycle time and number of parts.
- **“TACTILE”** consisting of an On/Off button and a touch screen to configure the number of production parts (V1) and the number of sample parts (V2). A 24-Vdc input counts the parts via signals from the machining centre. There are two versions of each type of unit: magnet at the top, or magnet at the back.

ELECTRICAL CONNECTIONS:

- Power supply cable kit (M12 5-core cable, length 5 m).
- Internal power supply kit (24-V 2.5-A power supply / M12 bulkhead gland fitting / M12 5-core cable, length 5 m).
- External power supply kit (cable with 24-Vdc transformer).



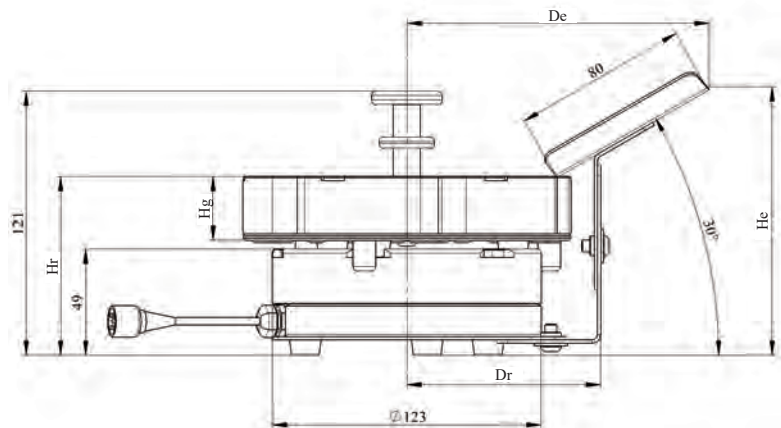
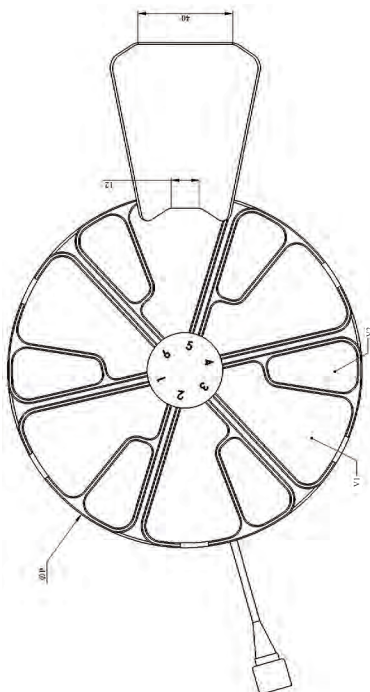


PRODUCT CHARACTERISTICS

- Red and grey anodised aluminium drive block.
- 24-Vdc motor.
- Moving tray with built-in sampling containers.
- Three possible configurations: Ø 125 / Ø 150 / Ø 180 mm.
- Adjustable part catcher chute with shock-absorbent coating.
- Maximum rate: 3 seconds/part.
- 1 container of the 6 is a different colour, to indicate the progression of the SP0 at a glance.
- Bulk storage with tolerance to impacts between the parts.
- Minimum part dimensions = Ø 1 mm / Length 1 mm.
- Maximum part dimensions = Ø 5 mm / Length 15 mm.

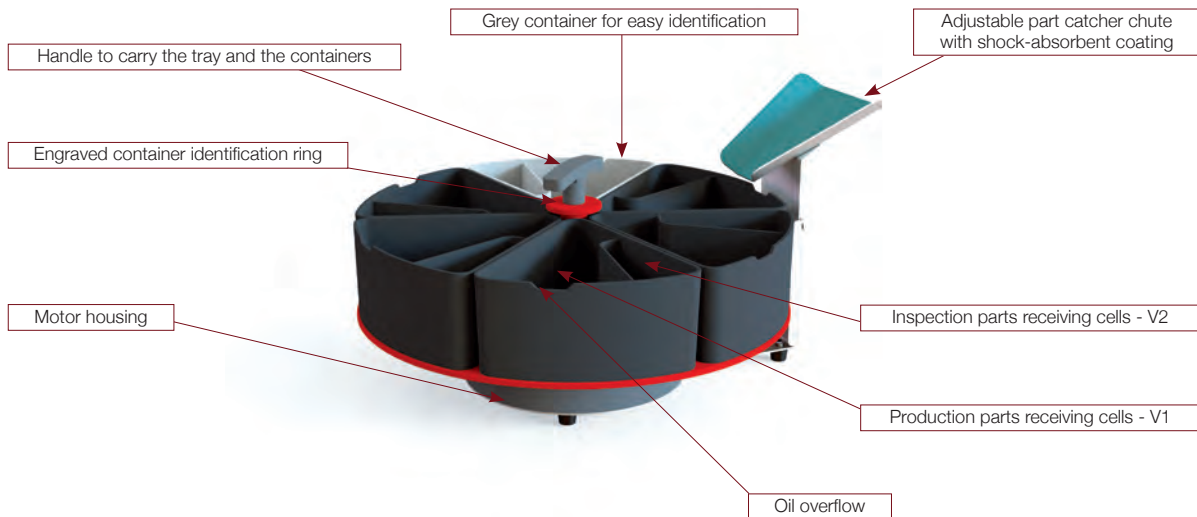


SPECIAL MANUFACTURE ON REQUEST



Ø P	Ø 125 mm	Ø 150 mm	Ø 180 mm
Hg	30 mm	40 mm	
Hr	85 mm	95 mm	
He	125 mm	135 mm	
Dr	76.5 mm	89 mm	104 mm
De	126.5 mm	139 mm	154 mm
V1	20 cm ³	32 cm ³	65 cm ³
V2	3 cm ³	8 cm ³	15 cm ³

SORTER WITH CONTAINERS: SP1



SEPARATE CONTROL UNIT, TWO TYPES OF UNIT: TEMPO (TIMER) OR TACTILE (TOUCH)

Turntable to collect parts that come out of the machine and to separate the inspection parts.

The parts collector disc is divided up by six containers, each with one dish to collect production parts and a second, smaller dish for the inspection parts to be collected separately.

The whole assembly is resistant to cutting oils and shavings, and can be incorporated into the inside of the machining centres.

The top part is interchangeable according to the size of the parts to be processed.

The sorter has an electric motor powered at 24 Vdc.

It can be powered directly from the machining centre, or via a 230-Vac/24-Vdc transformer.

- “**TEMPO**” consisting of an On/Off button, a time delay for the production part (V1) and a time delay for the sampling part (V2). The time delays must be set according to the desired cycle time and number of parts.

- “**TACTILE**” consisting of an On/Off button and a touch screen to configure the number of production parts (V1) and the number of sample parts (V2). A 24-Vdc input counts the parts via signals from the machining centre. There are two versions of each type of unit: magnet at the top, or magnet at the back.

ELECTRICAL CONNECTIONS:

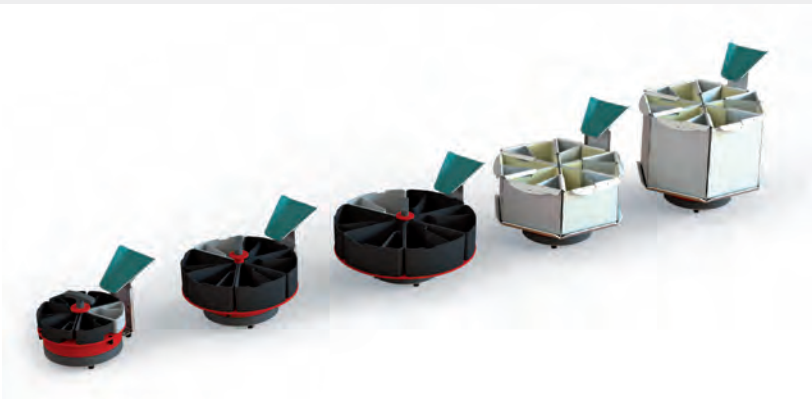
- Power supply cable kit (M12 5-core cable, length 5 m).
- Internal power supply kit (24-V 2.5-A power supply / M12 bulkhead gland fitting / M12 5-core cable, length 5 m).
- External power supply kit (cable with 24-Vdc transformer).



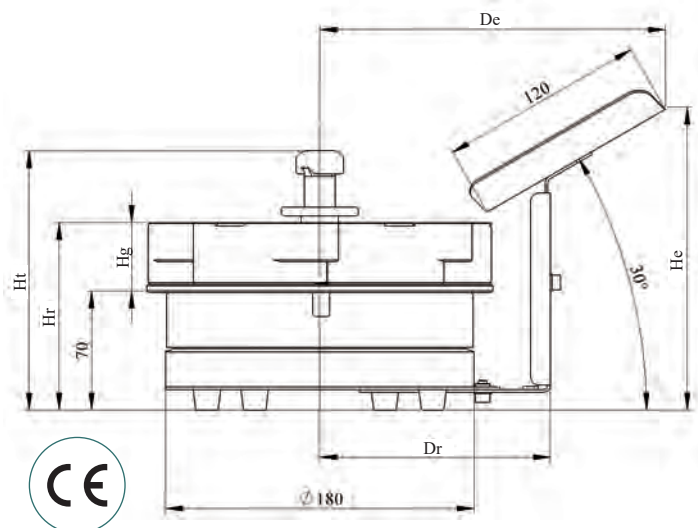
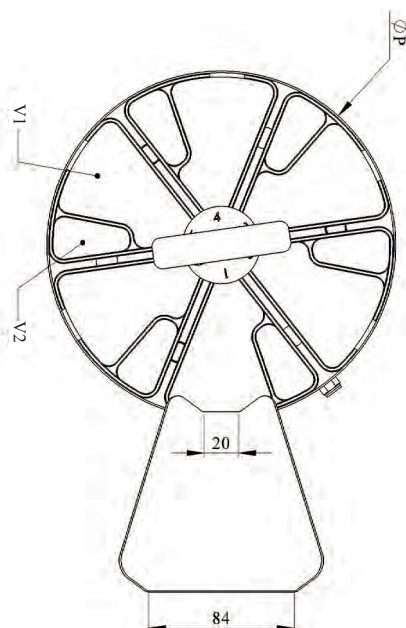


PRODUCT CHARACTERISTICS

- Red and grey anodised aluminium drive block.
 - 24-Vdc motor.
 - Moving tray with built-in sampling containers.
 - Three possible configurations with plastic containers, built-in sampling \varnothing 200 / \varnothing 275 / \varnothing 350 mm.
 - Two possible configurations with steel containers, separate sampling \varnothing 350 H130 mm and \varnothing 350 H210 mm.
 - Adjustable part catcher chute with shock-absorbent coating.
 - Maximum rate: 4 seconds/part.
 - 1 plastic container of the 6 is a different colour, to indicate the progression of the SP1 at a glance.
-
- Bulk storage with tolerance to impacts between the parts.
 - Minimum part dimensions = \varnothing 1 mm / Length 1 mm.
 - Maximum part dimensions = \varnothing 40 mm / Length 100 mm.

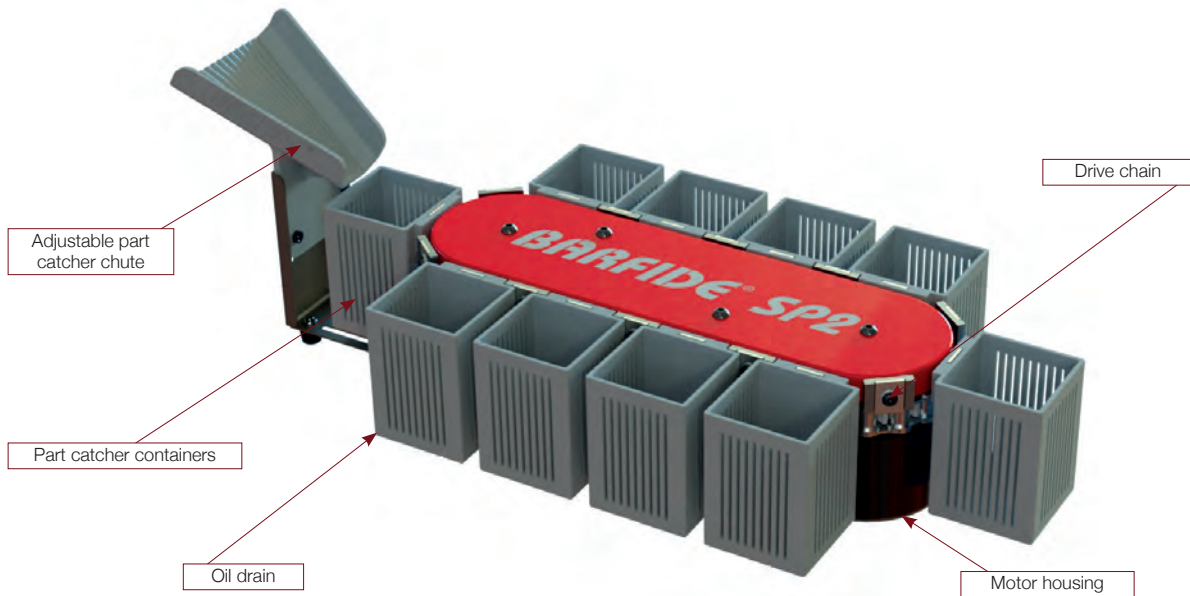


SPECIAL MANUFACTURE ON REQUEST



\varnothing P	\varnothing 200 mm	\varnothing 275 mm	\varnothing 350 mm		
Hg	40 mm	50 mm	70 mm	130 mm	210 mm
Hr	110 mm	120 mm	140 mm	200 mm	280 mm
Ht	152 mm	190 mm	200 mm	268 mm	348 mm
He	178 mm	188 mm	208 mm	268 mm	348 mm
Dr	134.5 mm	172 mm	209.5 mm		
De	201.5 mm	239 mm	276.5 mm		
V1	94 cm ³	251.5 cm ³	595.5 cm ³	1L	2L
V2	14.5 cm ³	49.5 cm ³	121.5 cm ³	117.5 cm ³	

SORTER WITH CONTAINERS: SP2



SEPARATE CONTROL UNIT, TWO TYPES OF UNIT: TEMPO (TIMER) OR TACTILE (TOUCH)

- **“TEMPO”** consisting of an On/Off button, a time delay for the production part (V1) and a time delay for the sampling part (V2). The time delays must be set according to the desired cycle time and number of parts.
- **“TACTILE”** consisting of an On/Off button and a touch screen to configure the number of production parts (V1) and the number of sample parts (V2). A 24-Vdc input counts the parts via signals from the machining centre. There are two versions of each type of unit: magnet at the top, or magnet at the back.

ELECTRICAL CONNECTIONS:

- Power supply cable kit (M12 5-core cable, length 5 m).
- Internal power supply kit (24-V 2.5-A power supply / M12 bulkhead gland fitting / M12 5-core cable, length 5 m).
- External power supply kit (cable with 24-Vdc transformer).

Sorter with containers to collect parts that come out of the machine and to separate the inspection parts.

The sorter is composed of 10 containers, each hollowed out to allow the oil to escape.

The whole assembly is resistant to cutting oils and shavings, and can be incorporated into the inside of the machining centres.

The containers are interchangeable and are clipped onto the drive chain to facilitate handling.

The sorter has an electric motor powered at 24 Vdc.

It can be powered directly from the machining centre, or via a 230-Vac/24-Vdc transformer.

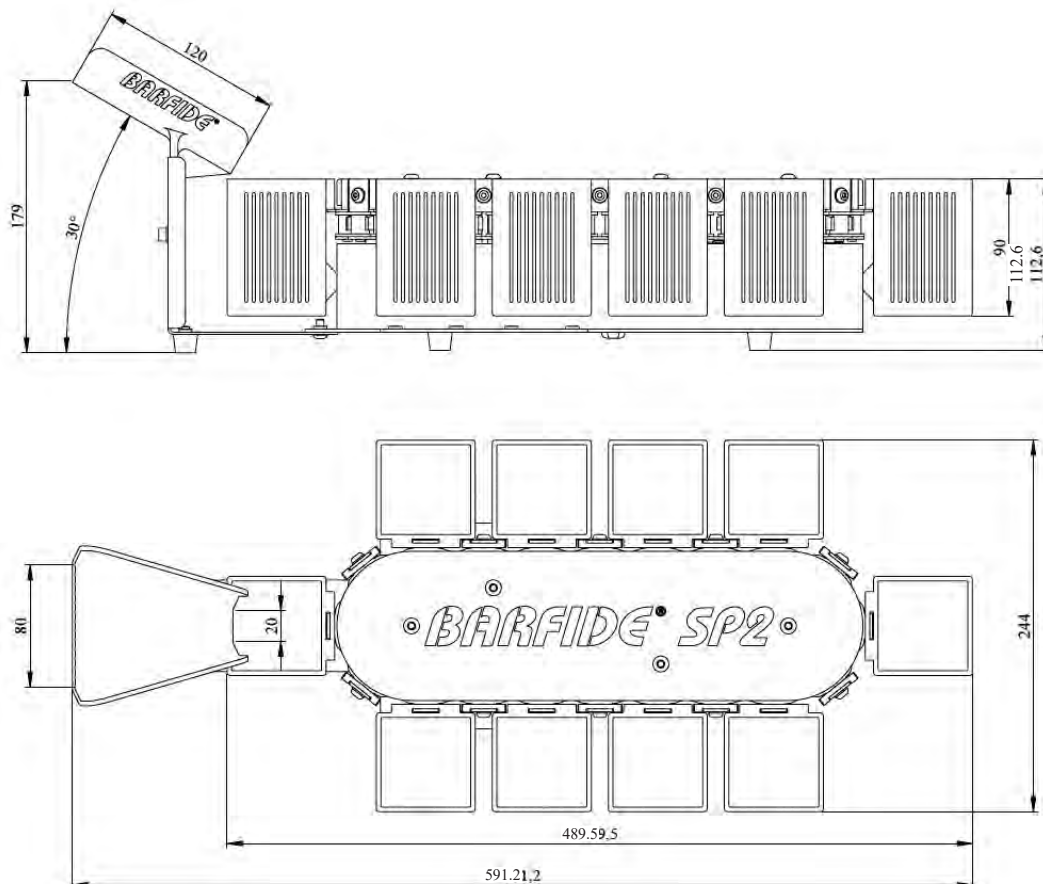




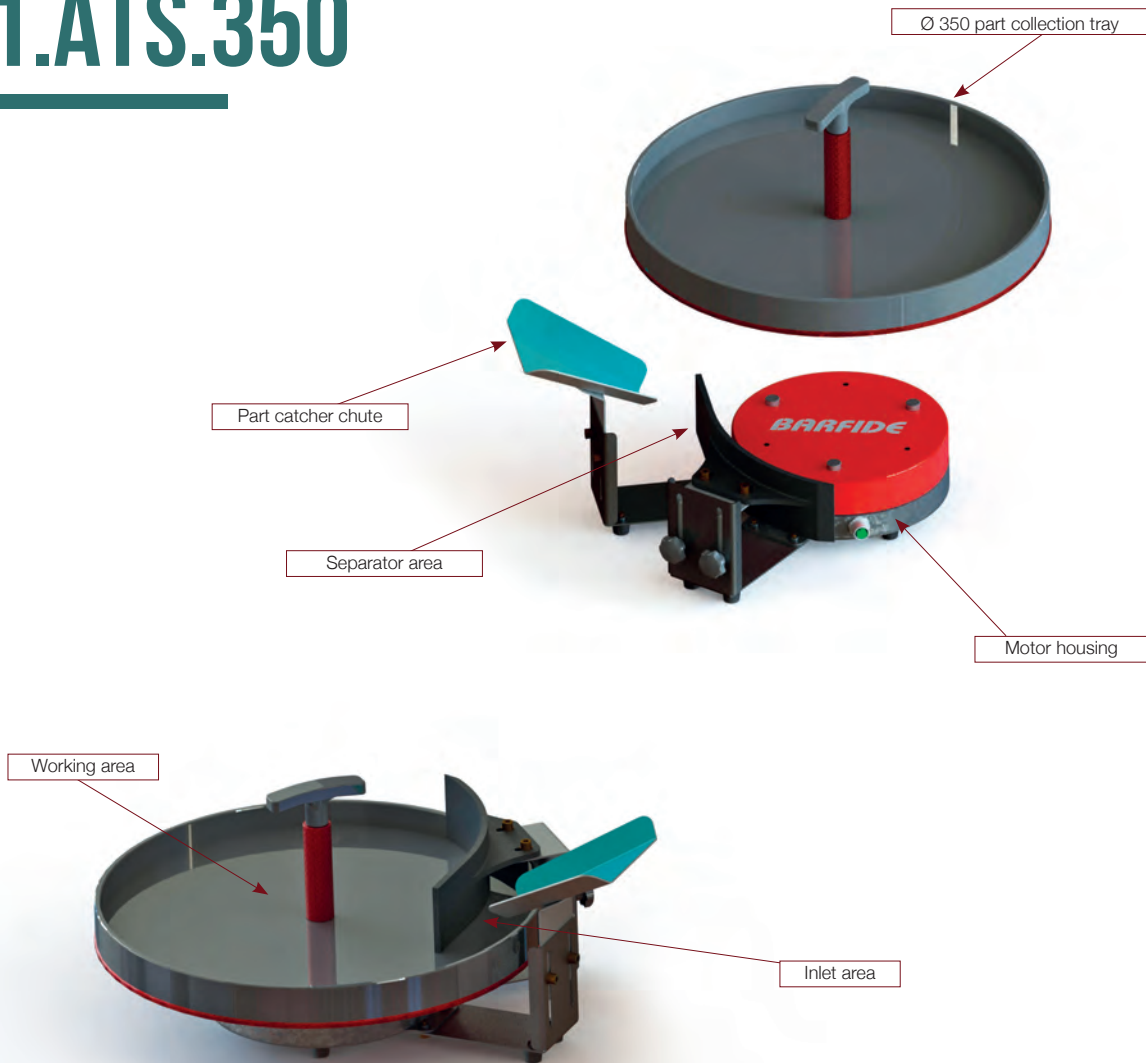
PRODUCT CHARACTERISTICS

- Red and grey anodised aluminium drive block.
- 24-Vdc motor.
- Removable containers.
- Adjustable ramp.
- Maximum rate: 4 seconds/part.
- Bulk storage with tolerance to impacts between the parts.
- Minimum part dimensions: Ø 2 mm / Length 2 mm.
- Maximum part dimensions: Ø 40 mm / Length 80 mm.

SPECIAL MANUFACTURE ON REQUEST



ACCUMULATION TABLE: SP1.ATS.350



The SP1.ATS.350 turntable is used to collect small parts coming out of machining centres whilst avoiding impacts.

This turntable is powered simply at 24 Vdc, and rotates so that it collects the parts at its middle, without them colliding with one another.

The tray and all surfaces in contact with parts are made of shock-absorbent plastic.

The tray can be fitted with a tank to evacuate oils.



PRODUCT CHARACTERISTICS

- Ø 350 mm turntable.
- Maximum part dimensions = Ø 20x50 mm.
- Minimum part dimensions = Ø 1x1 mm.

Overall Product Operation

- Cycle time: 2 seconds.
- Hourly rate: 1800 parts.
- Daily operating time: 24 hours.

Description of the cycle

- The part arrives in the inlet area, where the shocks are absorbed, then is channelled to the accumulation area through the rotation of the turntable.
- The cycle time corresponds to the time taken for the part to leave the inlet area (1 part at a time in the inlet area).

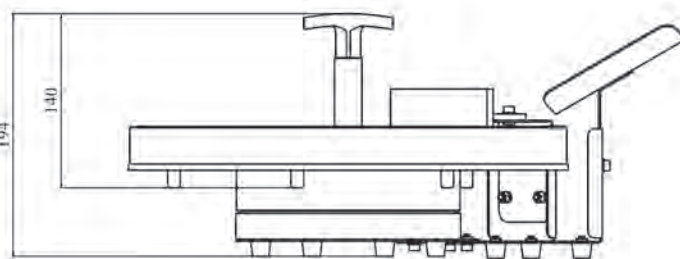
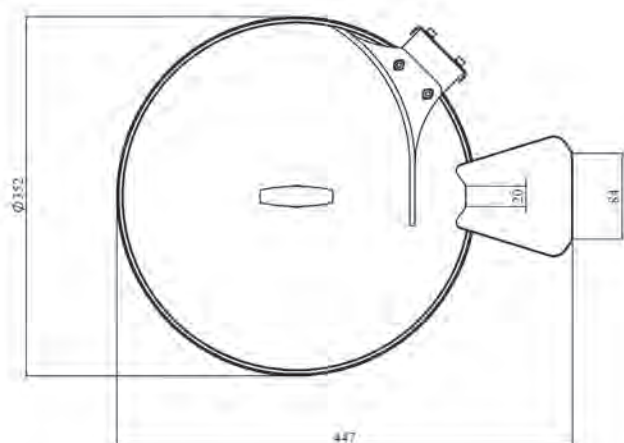
Electrical connections

- 24 Vdc or via a 230 Vac socket.

Human-machine interface

- The SP1.ATS.350 is started and stopped via the separate control unit.
The unit has a time delay to adjust the turntable rotation on and off time according to the part cycle time.

SPECIAL MANUFACTURE ON REQUEST



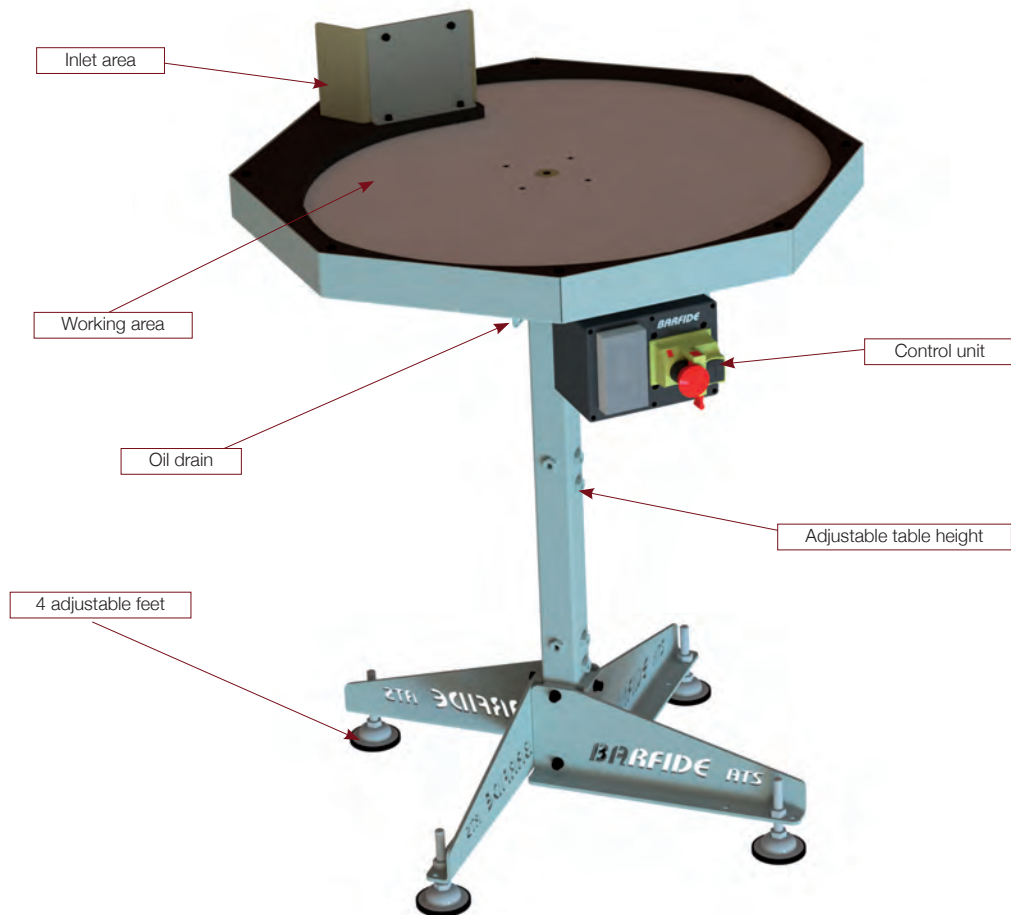
SEPARATE CONTROL UNIT: TEMPO (TIMER)

- **“TEMPO”** consisting of an On/Off button, a time delay for the production part (V1) and a time delay for the sampling part (V2).
The time delays must be set according to the desired cycle time and number of parts.

ELECTRICAL CONNECTIONS:

- Power supply cable kit (M12 5-core cable, length 5 m).
- Internal power supply kit (24-V 2.5-A power supply / M12 bulkhead gland fitting / M12 5-core cable, length 5 m).
- External power supply kit (cable with 24-Vdc transformer).

ACCUMULATION TABLE: ATS



The ATS turntable is used to collect parts coming out of machining centres whilst avoiding impacts.

This turntable is powered simply at 230 Vac, and rotates so that it collects the parts at its middle, without them colliding with one another.

The turntable and all surfaces in contact with parts are coated in a shock-absorbent material.

Oils are evacuated at the edge of the turntable and collected in the table (oil connection with inner Ø 16 mm hose).



OPTION: Basket support



PRODUCT CHARACTERISTICS

- Ø 700 mm turntable.
- Maximum part dimensions = Ø 65x100 mm.
- Minimum part dimensions = Ø 8x8 mm.
- Spherical parts are not recommended.

Overall Product Operation

- Cycle time: 2 seconds.
- Hourly rate: 1800 parts.
- Daily work time: 24 hours.

Description of the cycle

- The part arrives in the inlet area of the ATS, where the shocks are absorbed, then is channelled to the accumulation area through the rotation of the turntable.
- The cycle time corresponds to the time taken for the part to leave the inlet area (1 part at a time in the inlet area).

Connection

- Connect the ATS electrically using a 5-m 3G1.5² cable to be connected to the 230 Vac mains.
- The ATS must be connected to a holding tank with an inner Ø 16 mm hose.

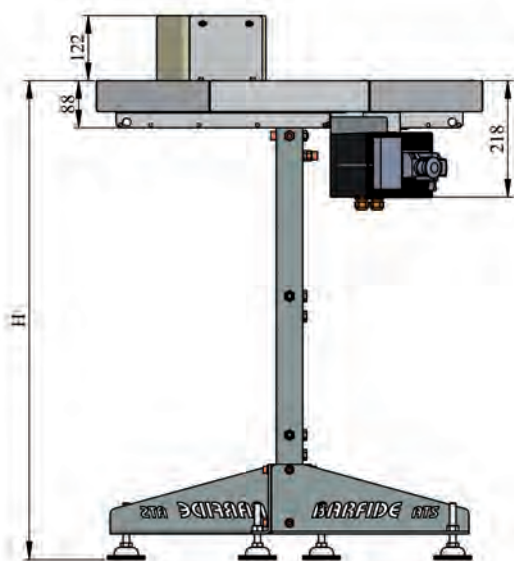
Human-machine interface

- Use the control unit to start and stop the ATS. The unit has a time delay to adjust the turntable rotation on and off time according to the part cycle time.

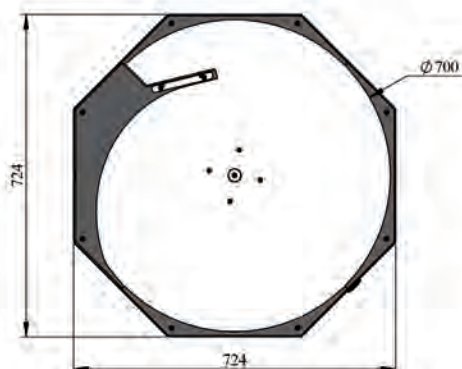
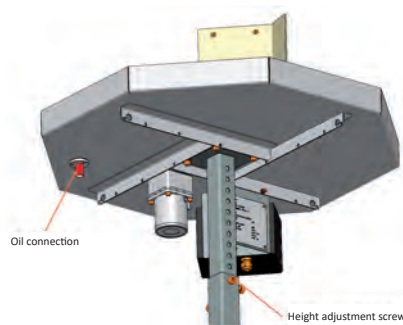
OPTION:

- Basket stand

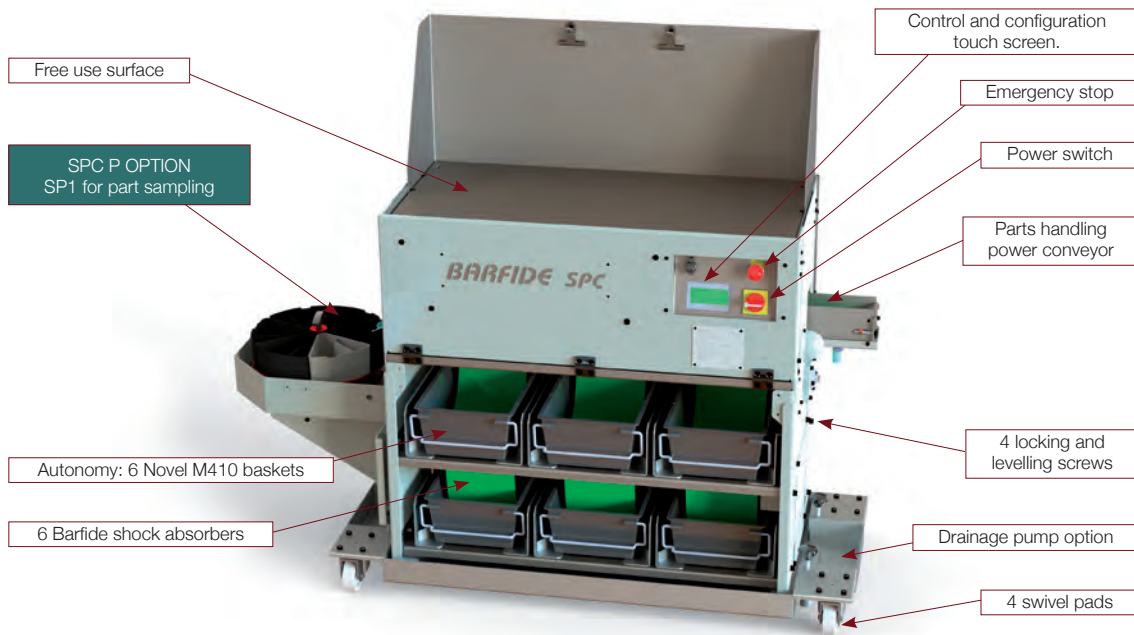
SPECIAL MANUFACTURE ON REQUEST



	Min.	Max.
H	330	1200



PARTS CATCHER WITH BASKETS: SPC - SPC P



THE SPC-SPC P PARTS CATCHER WITH SHOCK ABSORBER CAN:



- Increase productivity.
- Increase the autonomy of your production equipment.
- Reduce sorting and inspection times.
- Reduce scrap.

With BARFIDE shock-absorbent technology, SPC collects parts coming out of your lathes and machining centres. BARFIDE technology allows significant autonomy with a reduced footprint. Its chassis can accommodate six baskets. Each of the filling points is fitted with the BARFIDE shock absorber system.

This SPC consisting of a work surface is available for the use of inspection instruments and production tracking sheets. Control from the touch screen console: the operator inputs the number of parts per basket.

SPC P: the operator inputs the number of parts per basket and the number of sampled parts to be isolated per basket.

The touch screen can also be used to track the filling of the baskets.



OPTION: 4 baskets



PRODUCT CHARACTERISTICS

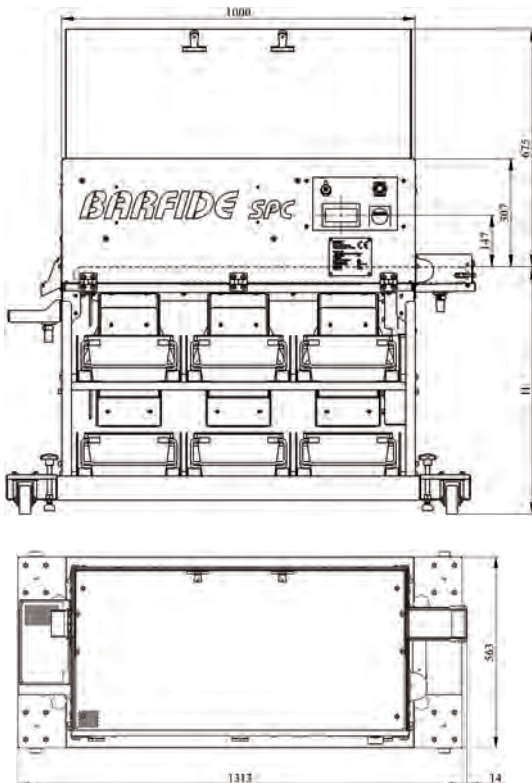
- Autonomy of six baskets of dimensions 200x380x130 (Novel MD410 basket).
- Min. conveyor belt height = 700 mm, max = 935 mm.
- Version with part infeed to the right or left.
- Parts: min. $\varnothing = 5$ mm / max. $\varnothing = 55$ mm. Min. length = 10 mm / max. length = 170 mm.
- Washer type parts $\varnothing > 4 \times$ length.
- Long parts, length $> 4 \times \varnothing$.
- Spherical parts allowed (strip with cleats).
- Max. rate with shock absorption: 7 seconds/part.
- Max. rate without shock absorption: 7 seconds/part.
- 3.8" touch screen to configure the number of production parts.
- Power consumption: 1.4 KVA.
- Rated voltage: 230 Vac
- Number of phases: 1PH + N + Earth.
- 3.8" touch screen to configure the number of production parts and the number of sampling parts.
- Colour: RAL 7035 GREY.

SPC P OPTION:

- Sampling per basket with SP1 at end of conveyor.
- Sump pump.

SPECIAL MANUFACTURE ON REQUEST

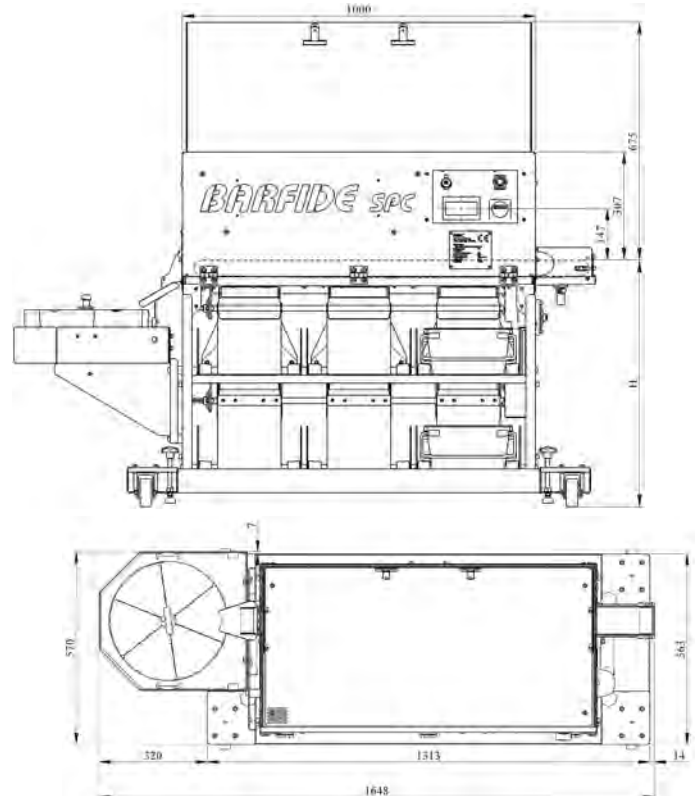
SPC



	Min.	Max.
H	700	935



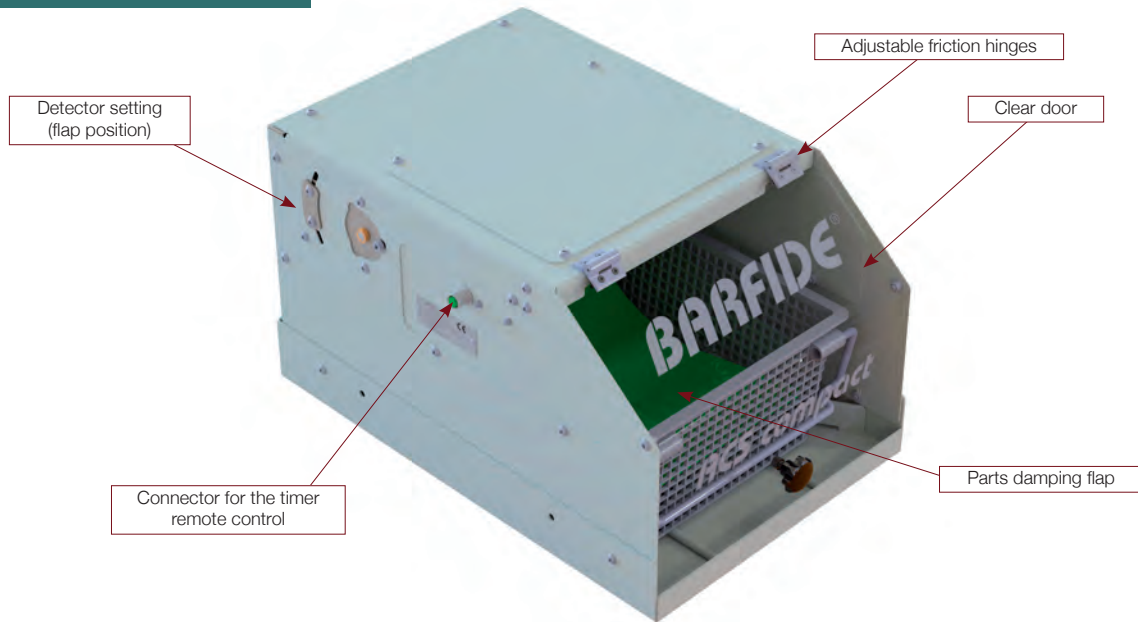
SPC P



	Min.	Max.
H	700	935



ACS COMPACT



SEPARATE CONTROL UNIT, TWO TYPES OF UNIT: TEMPO (TIMER) OR TACTILE (TOUCH)

With BARFIDE shock-absorbent technology. The COMPACT ACS is designed to catch machined parts leaving the machine tool in a bulk NOVEL basket.

Its shock-absorbing system works via the rotation of a patented flap that is positioned above the previous parts.

THE COMPACT ACS ALLOWS:

- Increase productivity.
- Increase the autonomy of your production equipment.
- Reduced sorting and inspection times.
- Reduce scrap.

- **“TEMPO”** consisting of an On/Off button, a time delay for the production part (V1) and a time delay for the sampling part (V2). The time delays must be set according to the desired cycle time and number of parts.

- **“TACTILE”** consisting of an On/Off button and a touch screen to configure the number of production parts (V1) and the number of sample parts (V2). A 24-Vdc input counts the parts via signals from the machining centre. There are two versions of each type of unit: magnet at the top, or magnet at the back.

ELECTRICAL CONNECTIONS:

- Power supply cable kit (M12 5-core cable, length 5 m).
- Internal power supply kit (24-V 2.5-A power supply / M12 bulkhead gland fitting / M12 5-core cable, length 5 m).
- External power supply kit (cable with 24-Vdc transformer).



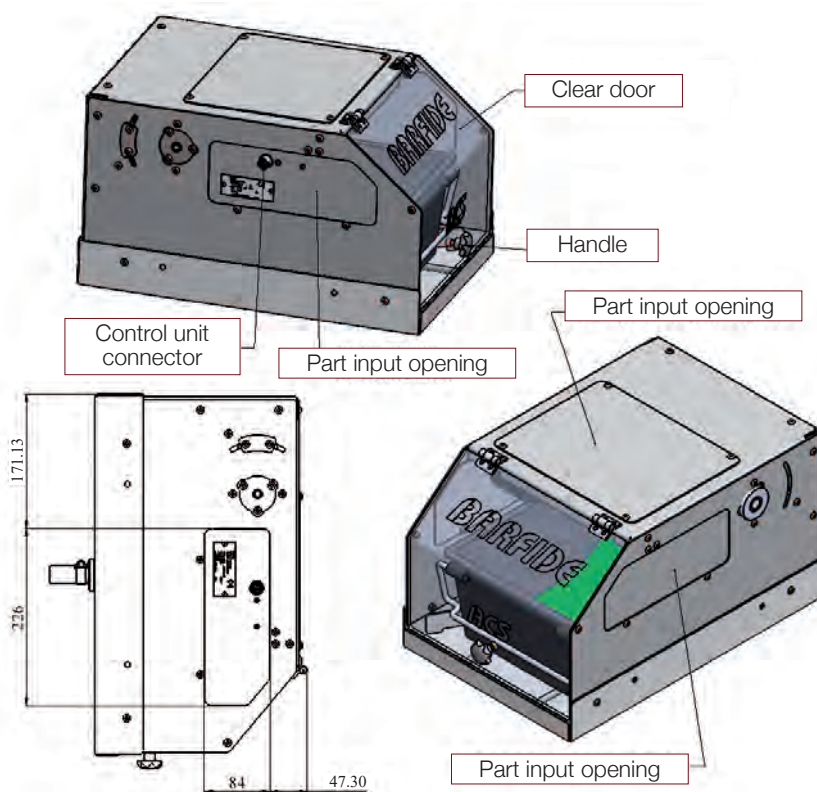
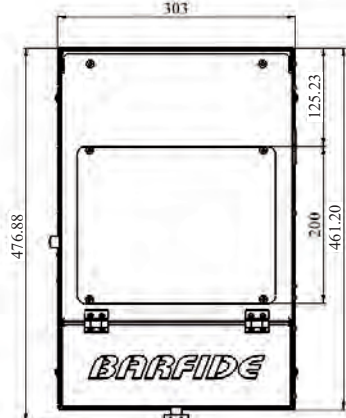
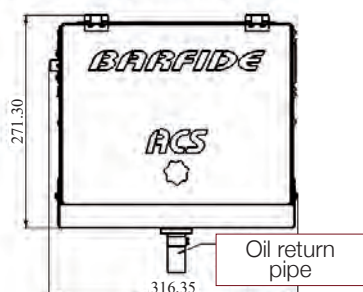


PRODUCT CHARACTERISTICS

- Three possible parts inputs (right, left and top).
- 24-Vdc motor.
- Separate control unit.
- Shock-absorbing flap.
- Clear door with braked hinges.
- Oil return pipe.
- Minimum part dimensions: \varnothing 10 mm length $2 \times \varnothing$.
- Maximum part dimensions: \varnothing 30 mm length 100 mm.
- Maximum weight of one part: 200 g
- Maximum weight in basket: 10 kg.
- Basket 200 380x130 (Novel MD410 basket).

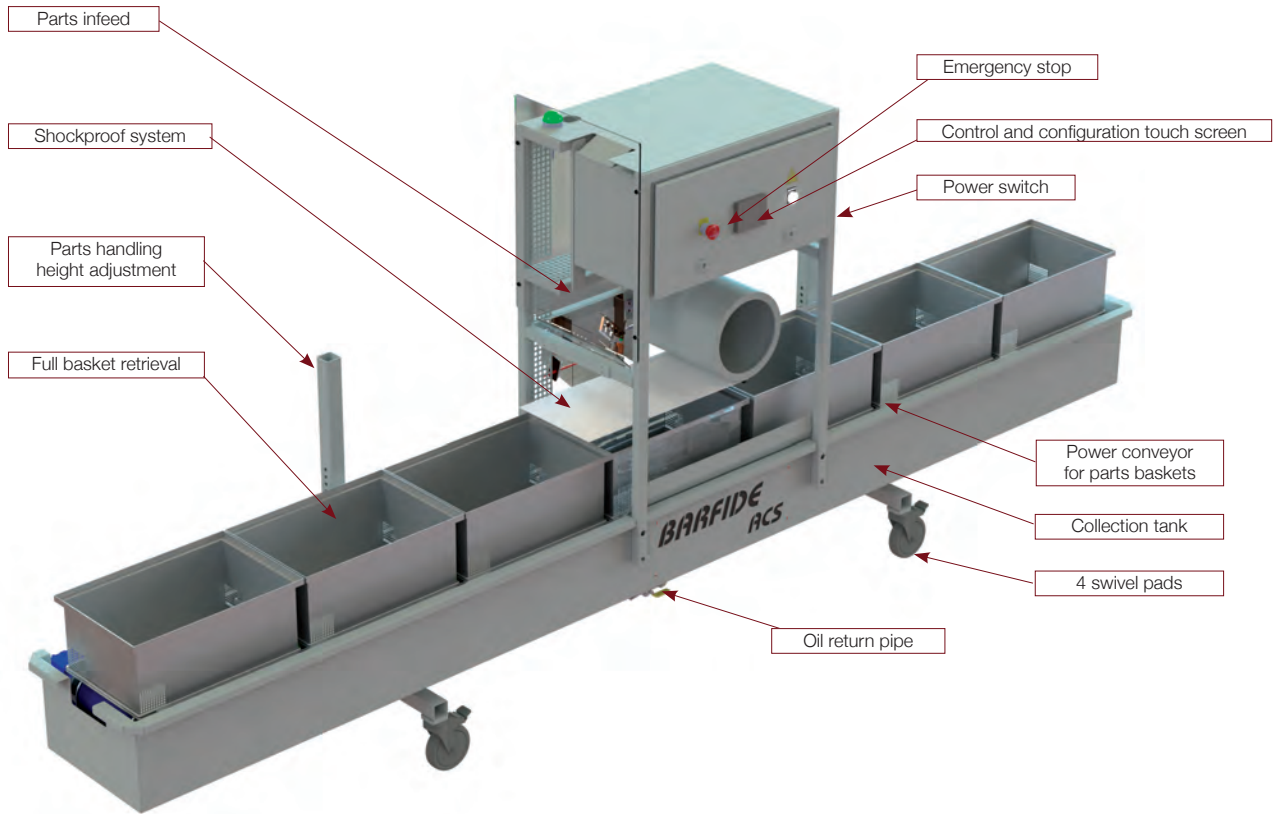
SPECIAL MANUFACTURE ON REQUEST

VERSION WITH TOP AND RIGHT INPUT



SHOCKPROOF SYSTEM: ACS XP

PATENTED



THE ACS PARTS CATCHER WITH SHOCK ABSORBER CAN:

- Increase the autonomy of your production equipment.
- Reduce scrap.

With BARFIDE shock-absorbent technology, the ACS XP system collects parts coming out of your lathes and machining centres.

Its chassis can accommodate X baskets. The filling point is fitted with the BARFIDE shock absorber system.

The baskets can also be configured in length, width and height.

Control from the touch screen console: the operator inputs the number of parts per basket.

The touch screen can also be used to track the filling of the baskets.



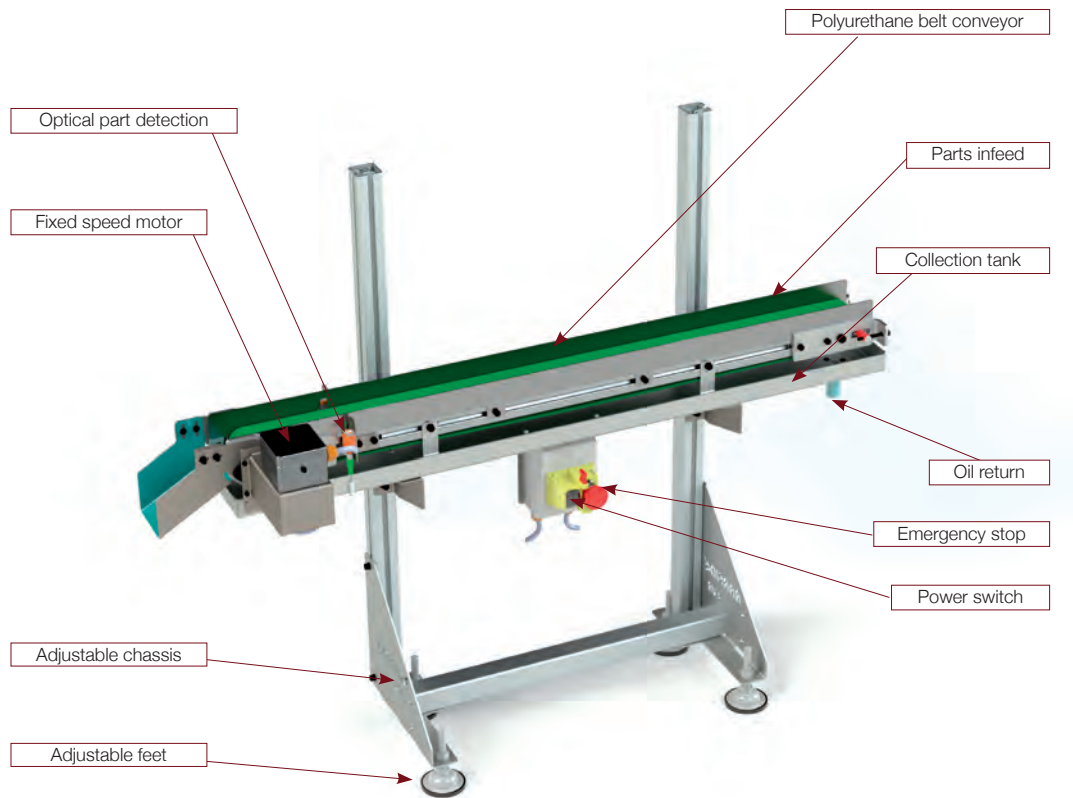
PRODUCT CHARACTERISTICS

- Configurable autonomy.
- Configurable basket.
- Parts: min. $\varnothing = 5 \text{ mm}$ / max. $\varnothing = 35 \text{ mm}$. Min. length = 10 mm / max. length = 120 mm.
- Washer type parts $\varnothing > 4 \times \text{length}$.
- Long parts, length $> 4 \times \varnothing$.
- Maximum rate: 5 seconds/part.
- 3.8" touch screen to configure the number of production parts.
- Power consumption: 1.4 KVA.
- Rated voltage: 400 V.
- Number of phases: 3PH + Earth.
- Counting from an external signal supplied by the machining centre.
- Colour: RAL 7035 GREY.

SPECIAL MANUFACTURE ON REQUEST



POWER BELT CONVEYOR: CVB



The BARFIDE range of power belt conveyors can transfer parts as they leave a machining centre. Either to collect parts or to transfer them to a BARFIDE retrieval system.

Five available conveyor lengths: 500, 750, 1000, 1250 or 1500 mm.
A single width of oil-resistant polyurethane belt: 78 mm.

The configurable motor location facilitates its integration (right or left).
BARFIDE also has adjustable feet to facilitate the implementation of the conveyor.

It is easy to set the conveyor running, thanks to a simple electrical box.
The feed rate is fixed and permanent.



PRODUCT CHARACTERISTICS

- Five conveyor lengths: 500, 750, 1000, 1250 and 1500 mm.
- Useful belt width 78 mm.
- Adjustable outlet chute with shock-absorbent protection.
- Maximum part dimensions = Ø 65x100 mm.
- Minimum part dimensions = Ø 7x7 mm.
- Spherical parts are not recommended.
- Collection tank with drain inside Ø of oil return pipe = 16 mm.
- Fixed conveyor feed rate 2 metres/minute.
- Circuit breaker box with built-in emergency stop button.
- Power supply voltage = 230 Vac.
- Frequency 50 Hz.
- Power consumption = 0.09 KVA.
- Two types of electrical connection: Canalis or Machine.
- Colour: RAL 7035 grey.

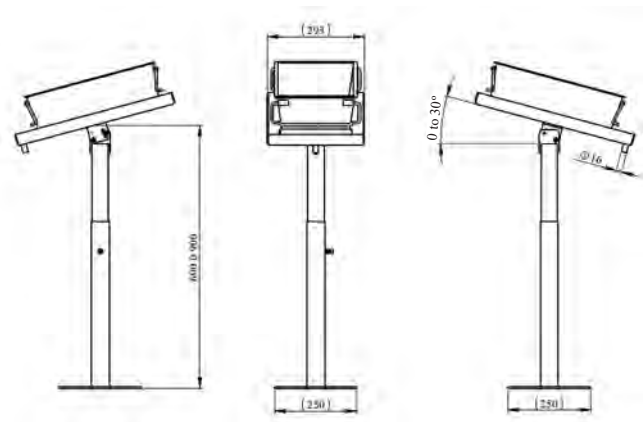
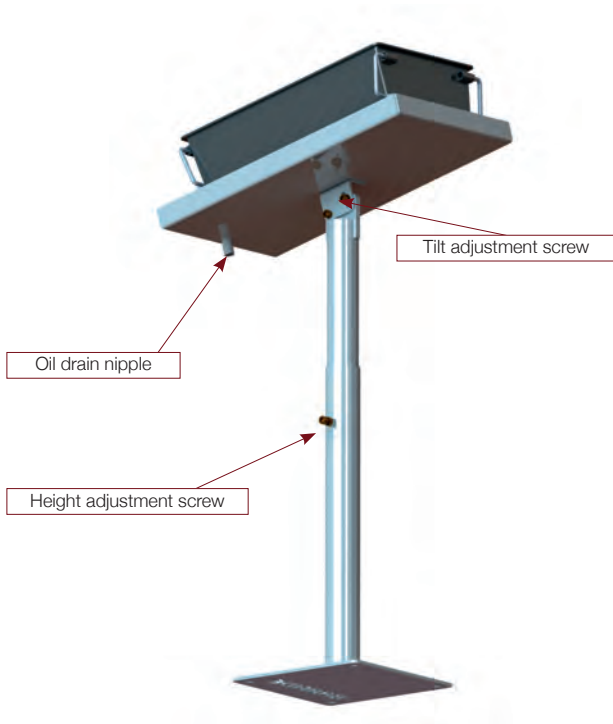
OPTIONS:

- Machine mounting bracket.
- Profiles floor anchoring feet.
- Part collection chute.

SPECIAL MANUFACTURE ON REQUEST



NOVEL BASKET STAND



The Novel basket stand is used to position a Novel MD410 basket close to an operator station.

The base must be anchored to the floor to prevent the stand from falling or moving.

The assembly is adjustable in height from 600 to 950 mm, while the tilt angle is adjustable from 0 to 30°.

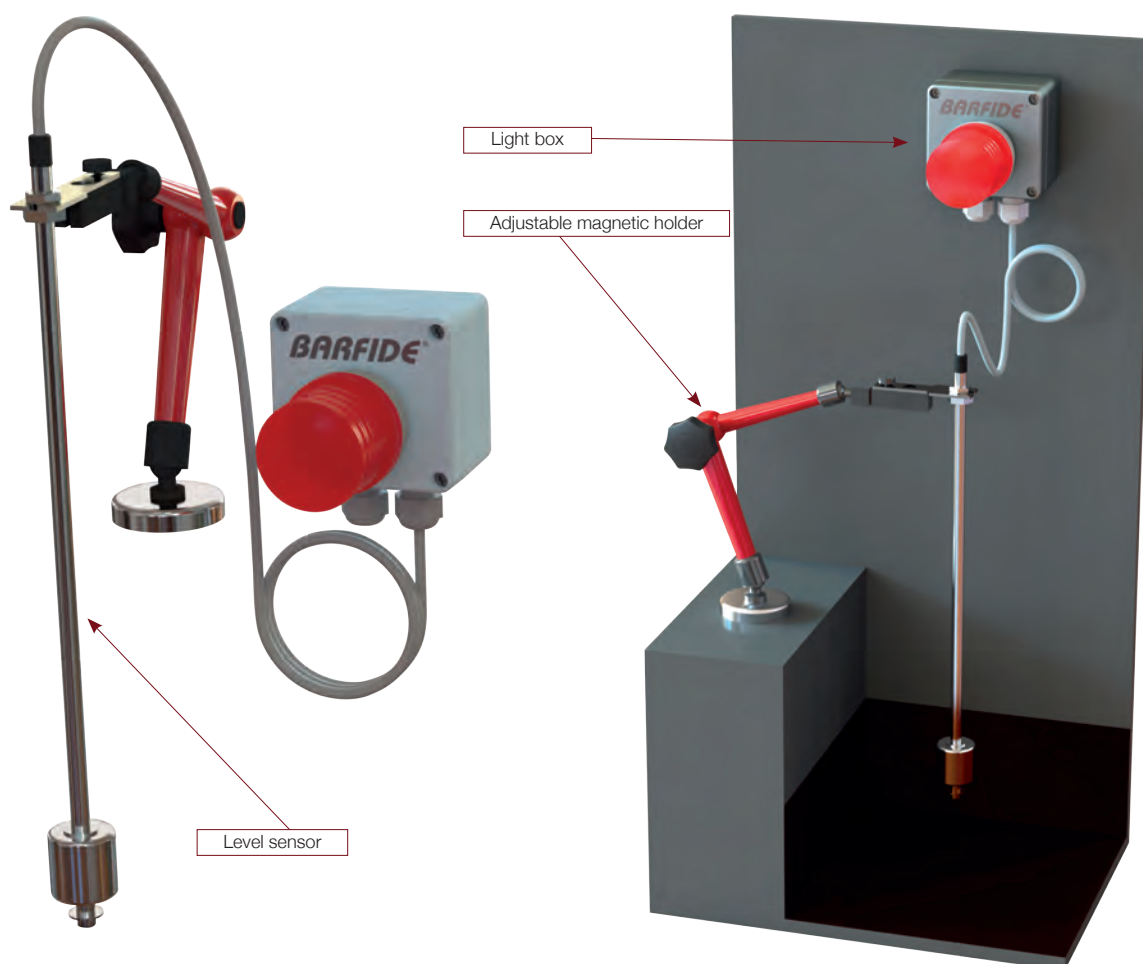
The stand is fitted with a nipple to drain the oils using an inner Ø 16 mm hose.



PRODUCT CHARACTERISTICS

- Height adjustment: 600 to 950 mm.
- Tilt adjustment: 0° to 30°.
- Oil drainage through nipple.
- Floor mounted.

CUTTING FLUID LEVEL DETECTION



Cutting fluid level detector for machine tools.

Compact and reliable system for monitoring the level of soluble cutting fluid in machine tool tanks.

Thanks to its float sensor mounted on a magnetic stand, it can be easily adapted to all configurations.

If the level is too low, a red light alerts the operator, thus avoiding any dry operation.

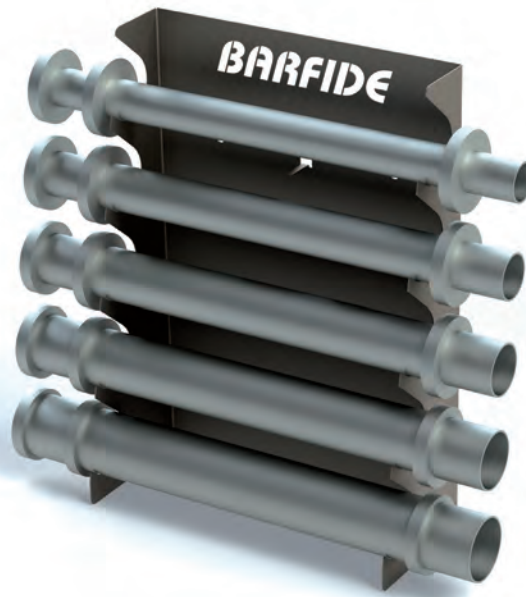
Ideal for extending tool life and ensuring consistent machining quality.



PRODUCT CHARACTERISTICS

- Sensor width: 300 mm
- 230 Vac power supply

REDUCTION TUBES FOR SINGLE-SPINDLE LATHE: RBMO



PRODUCT CHARACTERISTICS

- Steel reduction tube for main spindle of single-spindle lathe.
- Unfinished tube with two shrink-fit rings.
- Inside diameter every mm from 5 to 90.
- We recommend a tube diameter 1 mm greater than the diameter of the bar to be machined.
- The length of the tube and the outside ring diameters must be defined by the customer according to the spindle drawing.
- Optional extended version (length to be decided according to the \emptyset).
- Reduction maintained by a flange system.
- Sold individually or in batches.

POSSIBLE OPTIONS:

- Galvanised.
- Mounting flange.
- Wall bracket.

SPECIAL MANUFACTURE ON REQUEST

REDUCTION TUBES FOR MULTI-SPINDLE LATHE: RBMU

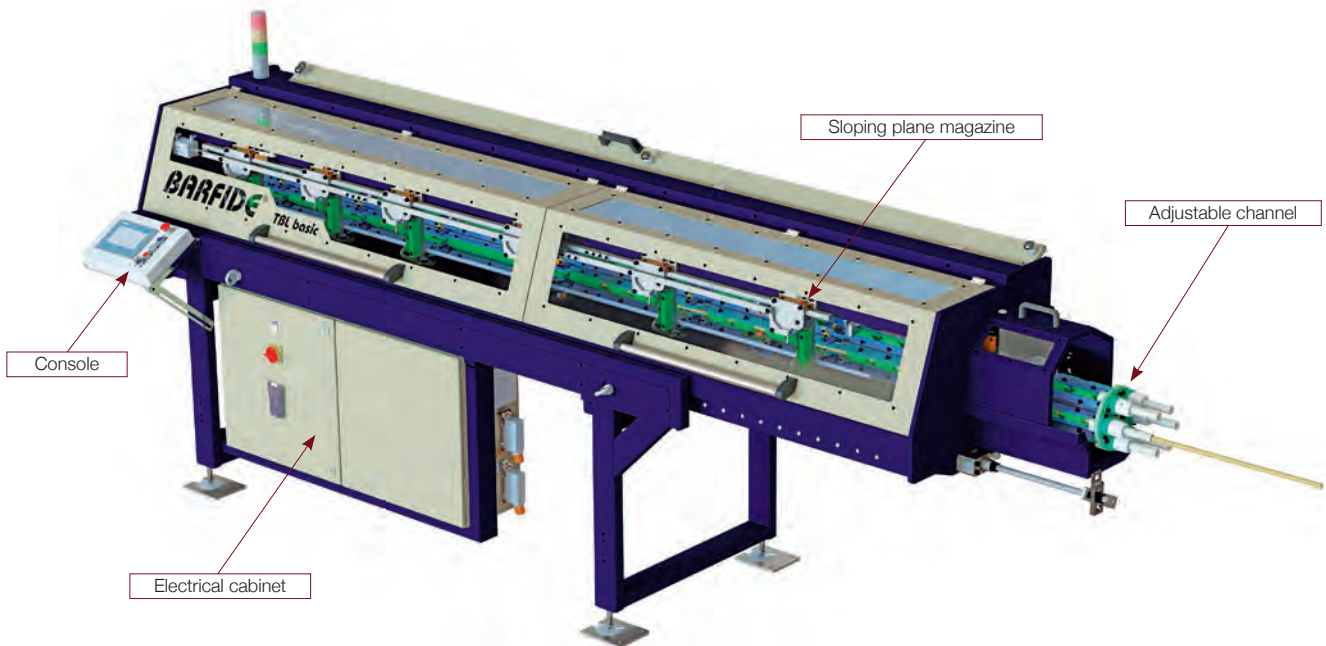


PRODUCT CHARACTERISTICS

- Spindle reduction tube kit for multi-spindle lathe INDEX MS16 to MS52, consisting of a basket, extraction tool and tubes.
- Tubes and rings fitted by hot shrink-fit.
- Created in two parts, they are inserted in the spindle on the clamp side.
- The special tool in the kit is used to extract the reducers.
- The length and the outside diameters are defined according to the lathe model and how it is equipped.
- We recommend a tube diameter 1 mm greater than the diameter of the bar to be machined.

SPECIAL MANUFACTURE ON REQUEST

BAR LOADER FOR MULTI-SPINDLE LATHES AS 14 - SAS 16 - SAS16 PLUS: TBL BASIC



TBL BASIC OFFERS YOU:

- Fast production changeover.
- Full use of the machine's maximum capacity.

The TBL BASIC bar loader loads bars into multi-spindle cam lathes.

Production changeover time is less than 5 minutes.

No channel replacement required.

Revolution speed at maximum machine capacity.
Holds the lathe feed clamps. The bar stub is pushed forward in the lathe.

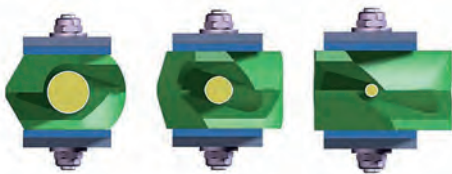


PRODUCT CHARACTERISTICS

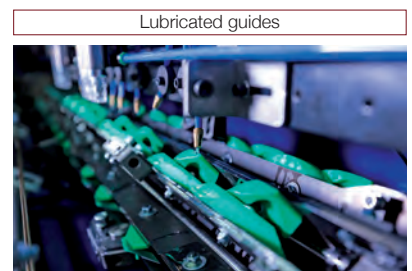
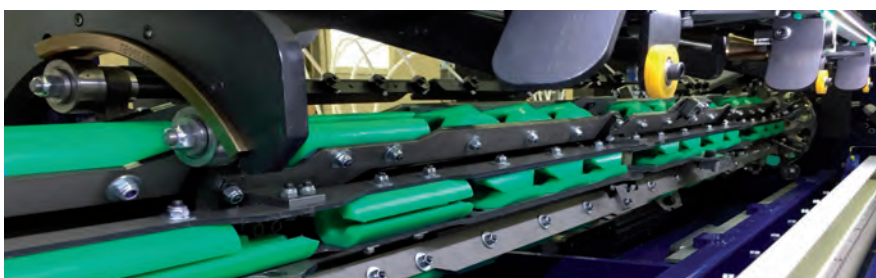
- Bar loading time: 15 seconds.
- Indexing at 65 cycles/minute.
- Bar guide channels made of ultra-sturdy plastic.
- Permitted diameter range from 5 mm to 16 mm.
- Bar types: Round - Hexagonal - Square.
- Lubrication of channels.
- Maximum bar length 3200 mm, also a 4200-mm version.
- SIEMENS touch screen control console.
- Footprint: 4330 mm x 930 mm x 1700 mm.
- The front of the bar loader is retractable for access when servicing the machine.

SPECIAL MANUFACTURE ON REQUEST

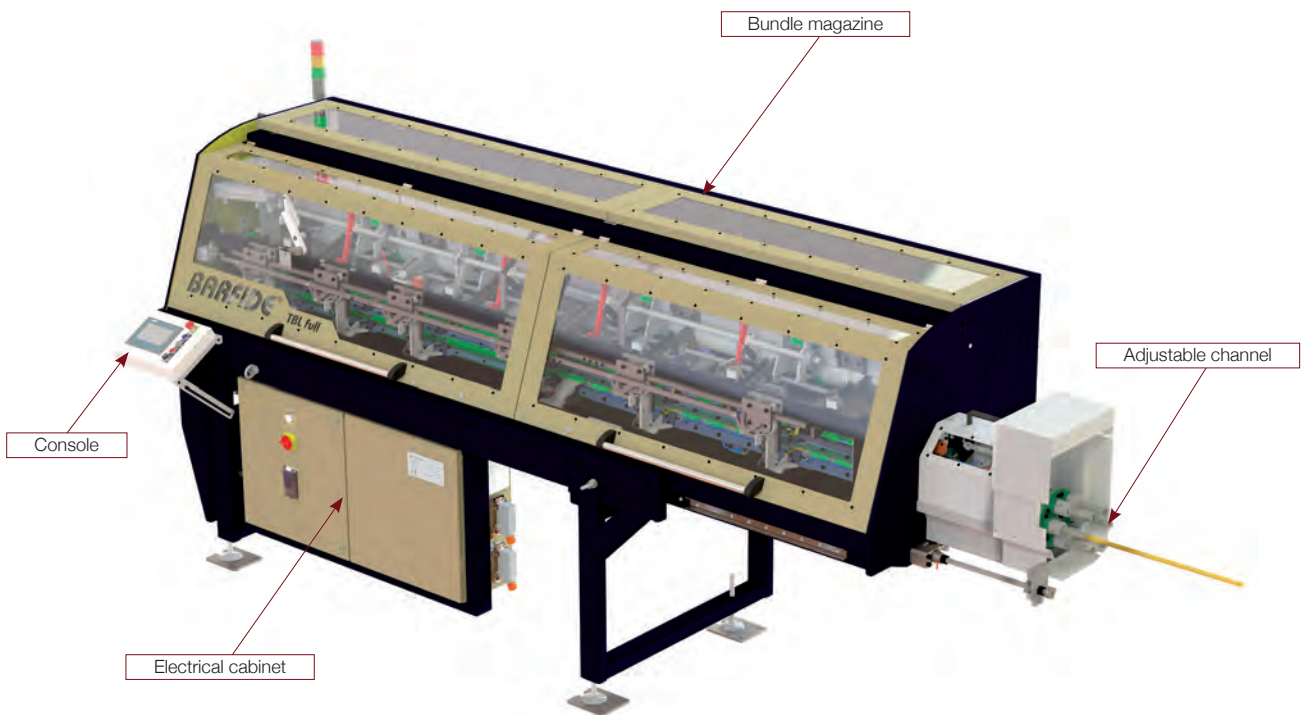
MINIMUM ADJUSTMENT TIME LOADING BUNDLE LOADING



16 mm max. ← → 5 mm min.



BAR LOADER FOR MULTI-SPINDLE LATHES AS 14 - SAS 16 - SAS 16 PLUS WITH BUNDLE MAGAZINE: TBL FULL



TBL FULL OFFERS YOU:

- Increased autonomy.
- Operators no longer have to carry the bars.
- Fast production changeover.
- Using the machine to its full capacity.

The TBL FULL bar loader loads bars into multi-spindle cam lathes. It has a bundle loader with capacity 1.5 tonnes and diameter 300 mm.

Production changeover time is less than 5 minutes.

No channel replacement required.

Revolution speed at maximum machine capacity. Holds the lathe feed clamps. The bar stub is pushed forward in the lathe.

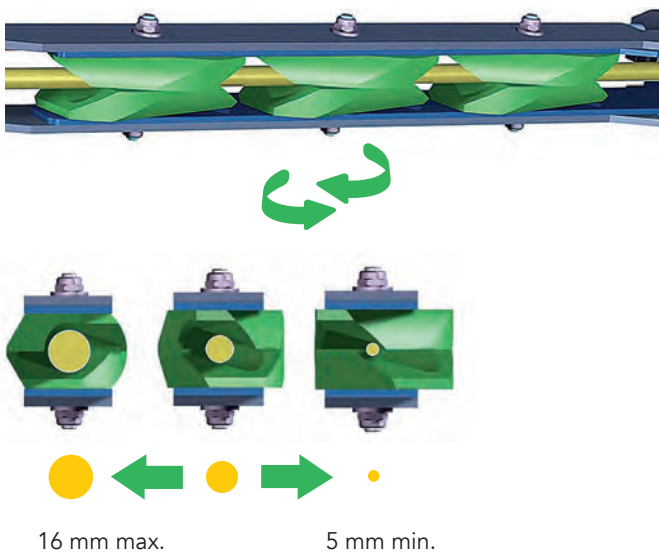


PRODUCT CHARACTERISTICS

- Bar loading time: 15 seconds.
- Indexing at 65 cycles/minute.
- Bar guide channels made of ultra-sturdy plastic.
- Permitted diameter range from 5 mm to 16 mm.
- Bar types: Round - Hexagonal - Square.
- Lubrication of channels.
- Bundle capacity: 1.5 tonnes and 300 mm in diameter.
- Bar length: 3150 mm maximum - 4150-mm version.
- SIEMENS touch screen control console.
- Footprint: 4252 mm x 1000 x 2015 mm.
- The front of the bar loader is retractable for access when servicing the machine.

SPECIAL MANUFACTURE ON REQUEST

MINIMUM ADJUSTMENT TIME LOADING BUNDLE LOADING



Adjustable channels



Lubricated guides



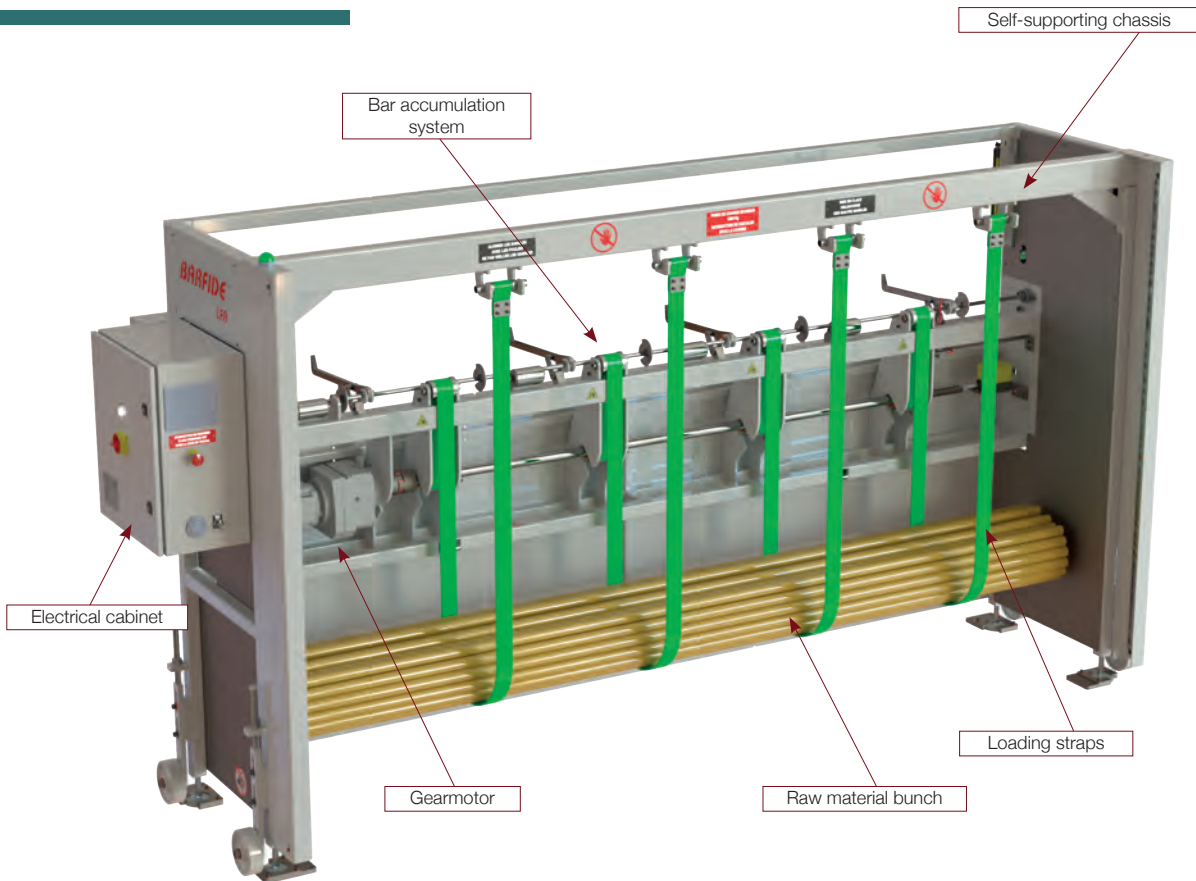
Simplified bar diameter change



Inserting the bar bundle of the box from the top



BAR LOADING AND SELECTION SYSTEM: LFA



LFA HELPS TO:

- Increase the productivity of your production equipment.
- A reduction in MSDs.

Integrated system for loading and selecting bunched bars with a capacity of 1500 kg, from 6 mm in diameter.

Adaptable to any range of bar loader, the LFA is completely independent.

The LFA has two light curtains that shut the system down safely if an operator approaches the moving parts.



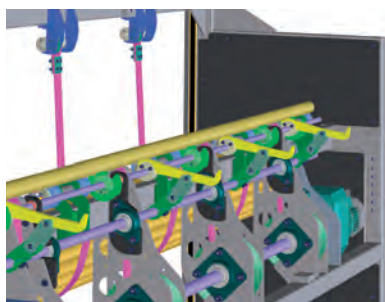
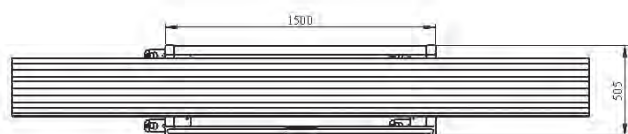
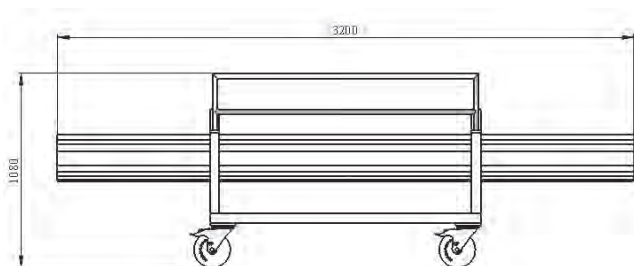
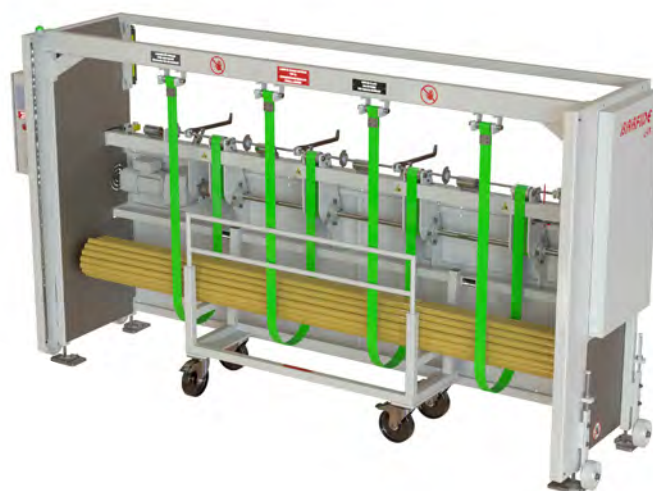
PRODUCT CHARACTERISTICS

- Capacity 1.5 T.
- Bunch Ø 300 mm.
- Touch screen.
- Capacity Ø 6 or 70 mm.
- Bar length 3200 or 4150 mm.

SPECIAL MANUFACTURE ON REQUEST

TROLLEY

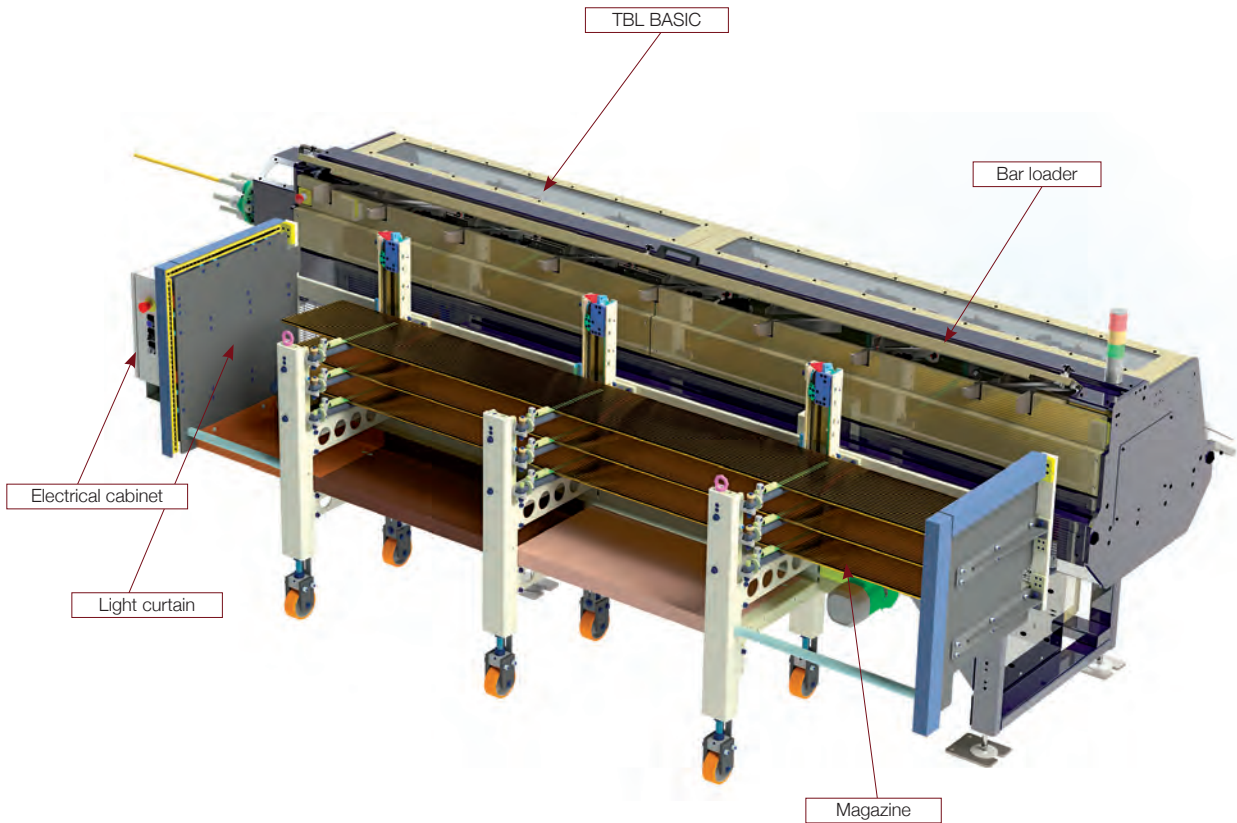
Available in the trolley version, which allows the bunch to be loaded from the trolley on the floor. This version is indicated for workshops that are not fitted with a deck for loading the bunch from above.



BAR LOADER SIDE

Using the electrically controlled levers, you can place the bar selected by the bunch loader on the bar loader magazine smoothly and quietly.

MULTI-PURPOSE MAGAZINE: LME



LME HELPS TO:

- Increase autonomy.
- Reduce MSDs.

Integrated system for loading and selecting bars with a capacity of 3 x 350 mm, from 6 mm in diameter.

Adaptable to any range of bar loader, the LME is completely independent.

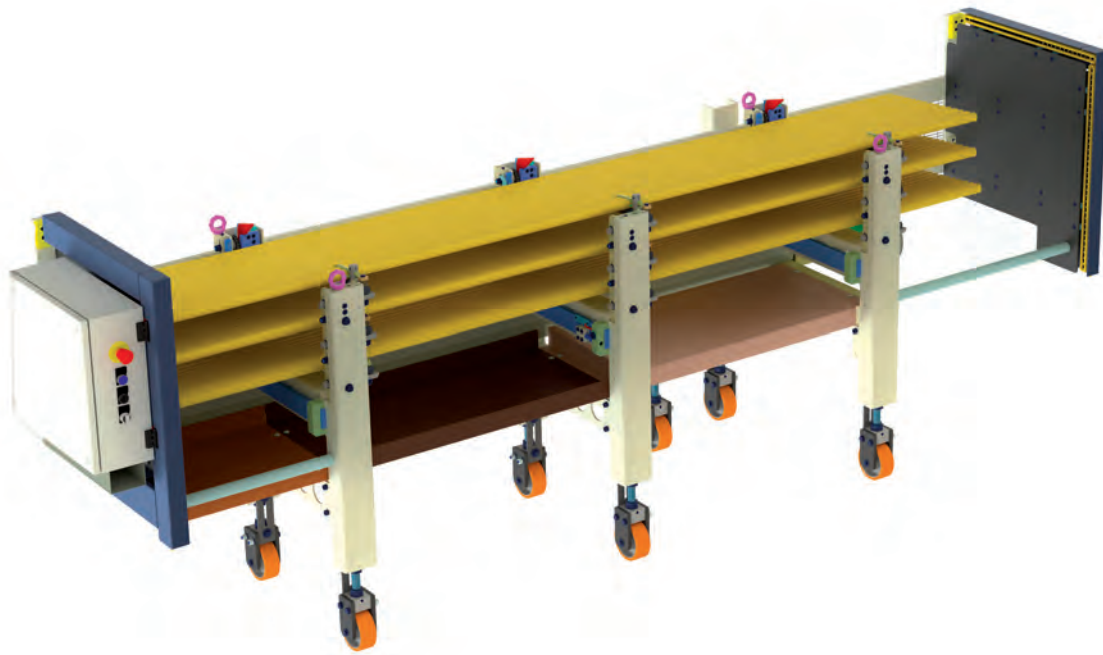
The LME has two light curtains that shut the system down safely if an operator approaches the moving parts.



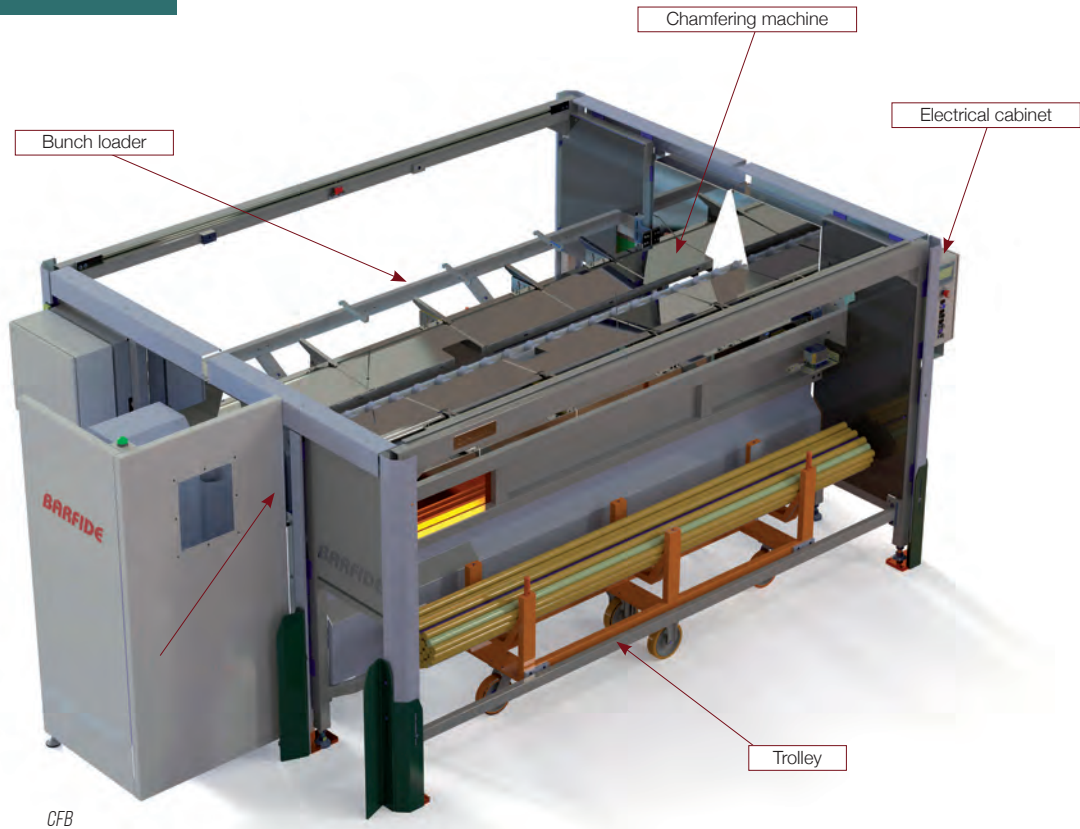
PRODUCT CHARACTERISTICS

- Min. Ø 6 mm.
- Max. Ø 50 mm.
- Three 350-mm levels.
- Bar length: 3200 or 4200 mm.

SPECIAL MANUFACTURE ON REQUEST



BAR CHAMFERING MACHINE: CFB - CFF



CFB - CFF ALLOWS:

- Turning of bar ends.
- Drilling of bar ends.
- Chamfering of bar ends.

The CFB-CFF is an automatic or semi-automatic chamfering machine with four different rotation speeds available for machining bars from Ø 8 to 80 mm.

The machine uses its two LFAs for loading and unloading in bunches of bars and the selection of bunched bars with a capacity of 1500 kg, from 8 mm in diameter.

The bar is chamfered or turned depending on the tool used. The bar is clamped using a 3-jaw chuck.



CFB PRODUCT CHARACTERISTICS

- Capacity 1.5 T.
 - Bunch Ø 300 mm.
 - Touch screen.
 - Capacity Ø 6 or 70 mm.
 - Bar length 3200 or 4150 mm.
-
- Turning Ø 10 - 60 mm.
 - 40 mm max. length
 - Centring Ø 8 - 80 mm
 - Clamping system: 3-jaw chucks.
 - Drive system: 4-speed motor.

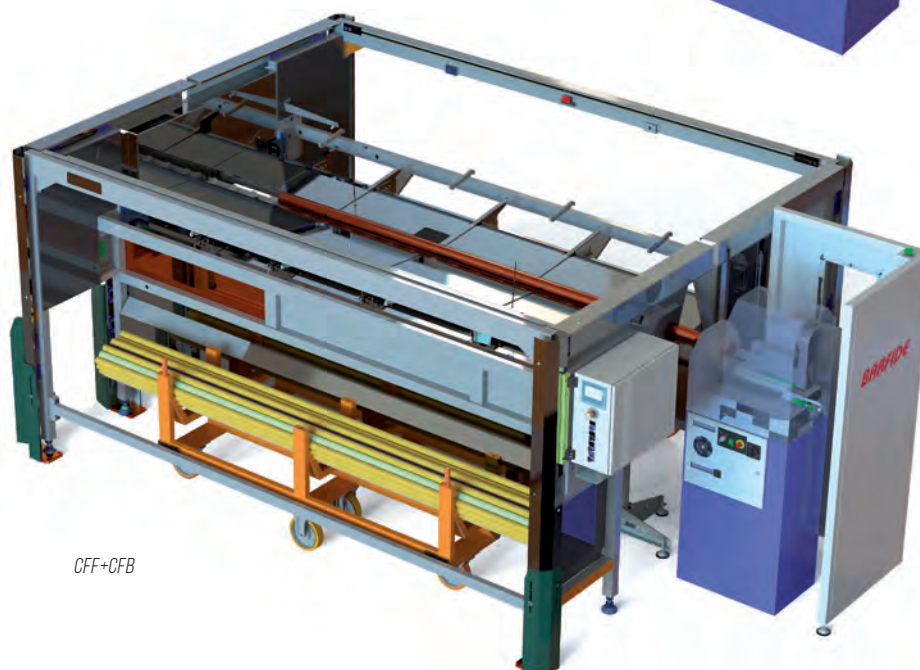
CFF PRODUCT CHARACTERISTICS

- Turning Ø 10 - 60 mm.
- 40 mm max. length
- Centring Ø 8 - 80 mm
- Clamping system: 3-jaw chucks.
- Drive system: 4-speed motor.

SPECIAL MANUFACTURE ON REQUEST



CFF



CFF+CFB

BARFIDE®

Parts catchers & Multi-spindle bar feeders

BARFIDE has been designing and creating machine tool peripheral products and spindle reduction tubes since 2008.

BARFIDE has been a brand of ERRIC GROUPE since May 2021.

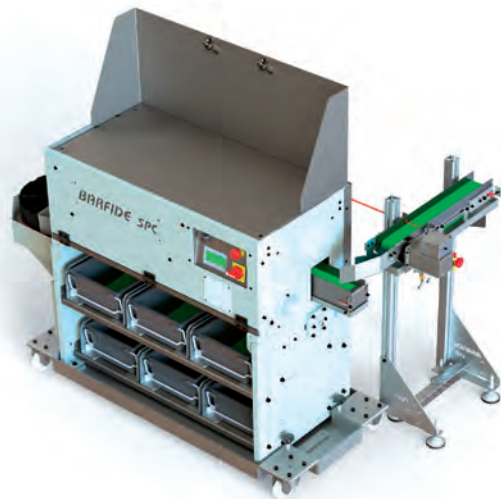
BARFIDE constantly invests, to offer you ever more innovative products.

Quality and reliability are our primary concerns.



CUSTOMER BENEFITS:

- Increase productivity.
- Increase the autonomy of your production equipment.
- Reduce sorting and inspection times.
- Reduce scrap.
- Reduce impacts on parts.



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