



TITAN LIGHT WALL SAW

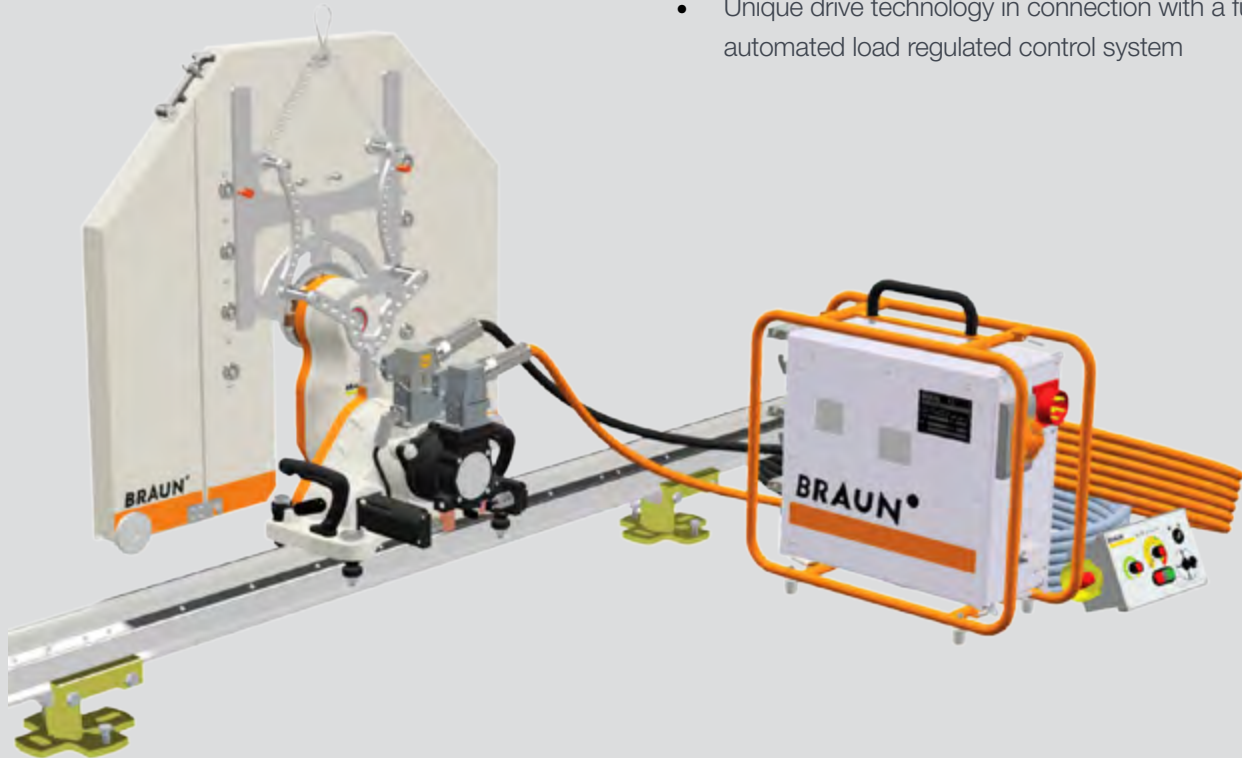
The wall saw TITAN reflects the result of more than 30 years of intensive research and development in the field of wall sawing. TITAN combines materials used in astronautics, electronics, telecommunications and motor sport with the experience and know how of partners and professional contractors.

This fully automatic lightweight machine comes equipped with an 11kW motor that provides the maximum speed of 6,000revs/min. With the saw head weighing a mere 27kg, the system accommodates blades of up to 1.2m in diameter and has a cutting depth of up to 520mm.

- Set consist of:
- 1x saw head
 - 1x control unit & hand panel with joystick
 - 1x cable set
 - 1x track 1500 mm
 - 1x track 1000 mm
 - 3x track foot normal cut
 - 1x blade cover normal cut Ø 800 mm
 - 1x flange flush cut
 - 1x flange normal cut
 - 1x toolbox

Technical Data	
Max. Saw Blade ø	1200 mm
Max. Cutting Depth	520 mm
Max. Motor Speed	6000 RPM
Max. Output Power	11 kW
Max. Fuse Protection	20 A
Weight (HF Motor)	7 Kg
Weight (Saw Head)	27 Kg
In-feed & Tool Drive	Electric
Water Flow	Central, over shaft & flange

- Features:
- Less weight, due to the use of high-tech materials, has resulted in a durable, long lasting and inherently stable construction
 - Ergonomics and usage has been optimized by careful design
 - Reliability through remote diagnosis and maintenance using mobile phone technology
 - Easy maintenance, service and high operational readiness due to the modular construction
 - Self-developed HF motor with maximum 6000 RPM grants long life expectancy and maintenance cycles
 - Unique drive technology in connection with a fully automated load regulated control system



TITAN WALL SAW

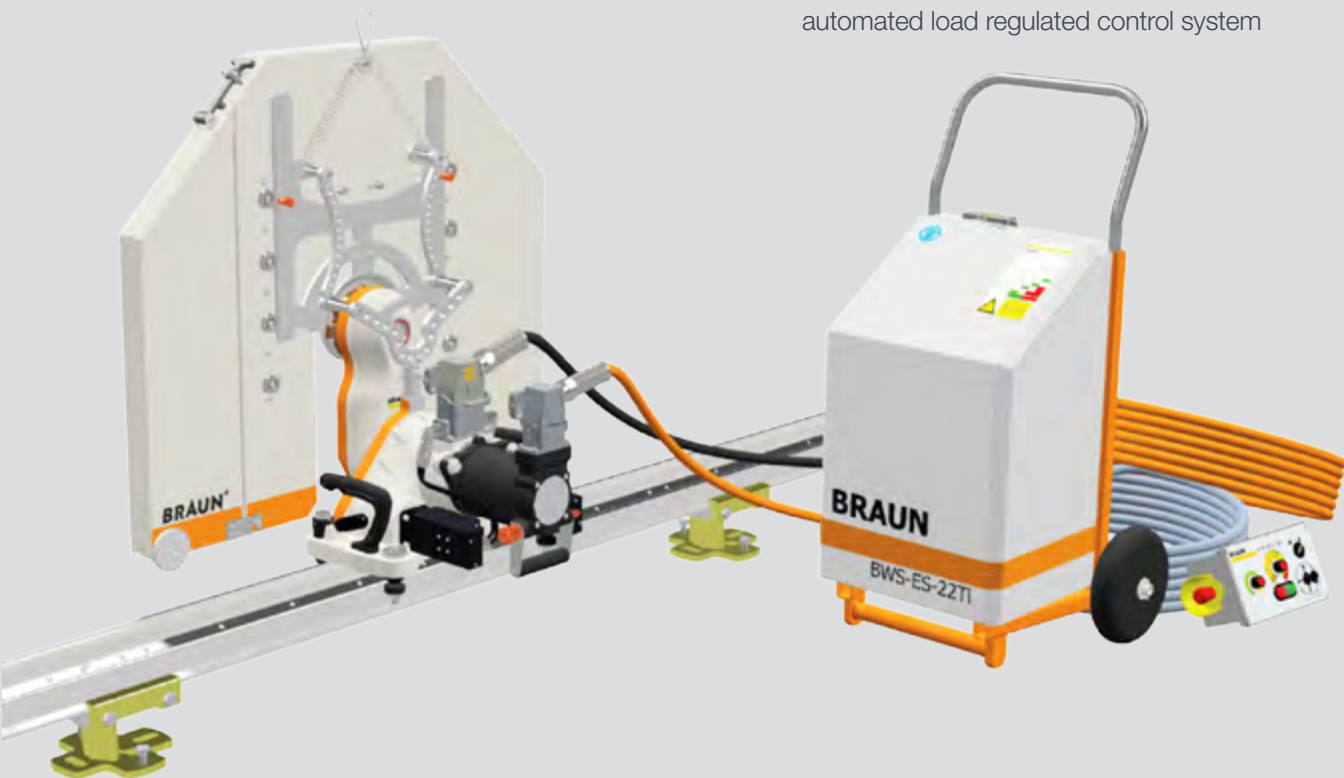
The wall saw TITAN reflects the result of more than 30 years of intensive research and development in the field of wall sawing. TITAN combines materials used in astronautics, electronics, telecommunications and motor sport with the experience and know how of partners and professional contractors.

This fully automatic lightweight machine comes equipped with an 18kW motor that provides the maximum speed of 6,000revs/min. With the saw head weighing a mere 27kg, the system accommodates blades of up to 1.5m in diameter and has a cutting depth of up to 670mm.

- Set consist of:
- 1x saw head
 - 1x control unit & hand panel with joystick
 - 1x cable set
 - 1x track 2250 mm
 - 1x track 1500 mm
 - 4x track foot normal cut
 - 1x blade cover normal cut Ø 800 mm
 - 1x flange flush cut
 - 1x flange normal cut
 - 1x toolbox
 - optional with remote servicing available

Technical Data	
Max. Saw Blade ø	1500 mm
Max. Cutting Depth	670 mm
Max. Motor Speed	6000 RPM
Max. Output Power	18 kW
Max. Fuse Protection	35 A
Weight (HF Motor)	11 Kg
Weight (Saw Head)	27 Kg
In-feed & Tool Drive	Electric
Water Flow	Central, over shaft & flange

- Features:
- Less weight, due to the use of high-tech materials, has resulted in a durable, long lasting and inherently stable construction
 - Ergonomics and usage has been optimized by careful design
 - Reliability through remote diagnosis and maintenance using mobile phone technology
 - Easy maintenance, service and high operational readiness due to the modular construction
 - Self-developed HF motor with maximum 6000 RPM grants long life expectancy and maintenance cycles
 - Unique drive technology in connection with a fully automated load regulated control system



TITAN POWER WALL SAW

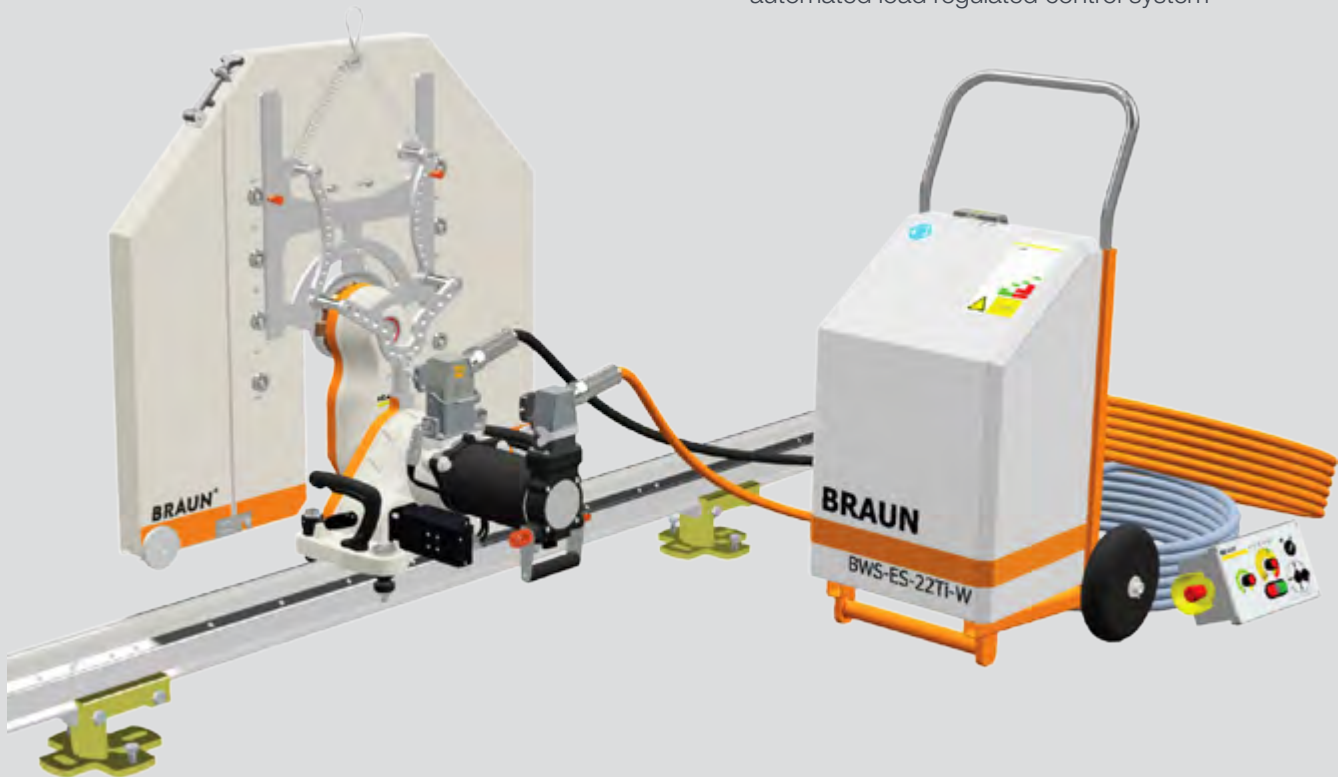
The wall saw TITAN reflects the result of more than 30 years of intensive research and development in the field of wall sawing. TITAN combines materials used in astronautics, electronics, telecommunications and motor sport with the experience and know how of partners and professional contractors.

This fully automatic lightweight machine comes equipped with an 22kW motor that provides the maximum speed of 6,000revs/min. With the saw head weighing a mere 27kg, the system accommodates blades of up to 2m in diameter and has a cutting depth of up to 920mm.

- Set consist of:
- 1x saw head
 - 1x control unit & hand panel with joystick
 - 1x cable set
 - 1x track 2250 mm
 - 1x track 1500 mm
 - 4x track foot normal cut
 - 1x blade cover normal cut Ø 800 mm
 - 1x flange flush cut
 - 1x flange normal cut
 - 1x toolbox

Technical Data	
Max. Saw Blade ø	2000 mm
Max. Cutting Depth	920 mm
Max. Motor Speed	6000 RPM
Max. Output Power	22 kW
Max. Fuse Protection	35 A
Weight (HF Motor)	14 Kg
Weight (Saw Head)	27 Kg
In-feed & Tool Drive	Electric
Water Flow	Central, over shaft & flange

- Features:
- Less weight, due to the use of high-tech materials, has resulted in a durable, long lasting and inherently stable construction
 - Ergonomics and usage has been optimized by careful design
 - Reliability through remote diagnosis and maintenance using mobile phone technology
 - Easy maintenance, service and high operational readiness due to the modular construction
 - Self-developed HF motor with maximum 6000 RPM grants long life expectancy and maintenance cycles
 - Unique drive technology in connection with a fully automated load regulated control system



BWS12-S WALL SAW

- High cutting performance thanks to high-tech drive units
- Short set-up times due to quick mounting system
- High cutting accuracy, by specially designed torsion resistant tracks
- Highly versatile - from a wall shaver to a circle wire saw within one machine
- Low maintenance costs due to changeable single components
- Various mounting possibilities

- Set consist of:
- 1x saw head
 - 1x control unit & hand panel with joystick
 - 1x cable set
 - 1x track 1500 mm
 - 1x track 1000 mm
 - 3x track foot normal cut
 - 1x blade cover normal cut Ø 800 mm
 - 1x flange flush cut
 - 1x flange normal cut
 - 1x toolbox

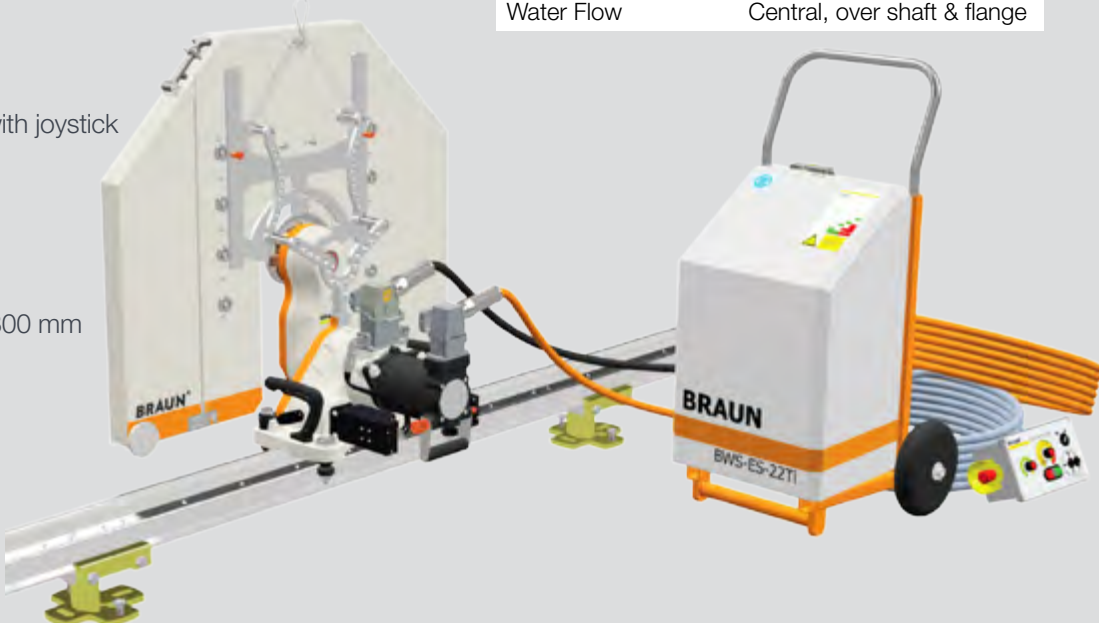


Technical Data	
Max. Saw Blade ø	1200 mm
Max. Cutting Depth	530 mm
Revolutions	0 to 1240 U/min.
Max. Output Power	11 kW
Power Supply	400 V, 16 - 25 A
Weight (HF Motor)	8.7 Kg
Weight (Saw Head)	25.8 Kg
In-feed & Tool Drive	Electric
Water Flow	Central, over shaft & flange

BWS15-Ti WALL SAW

- High cutting performance thanks to high-tech drive units
- Short set-up times due to quick mounting system
- High cutting accuracy, by specially designed torsion resistant tracks
- Highly versatile - from a wall shaver to a circle wire saw within one machine
- Low maintenance costs due to changeable single components
- Various mounting possibilities

- Set consist of:
- 1x saw head
 - 1x control unit & hand panel with joystick
 - 1x cable set
 - 1x track 2250 mm
 - 1x track 1500 mm
 - 4x track foot normal cut
 - 1x blade cover normal cut Ø 800 mm
 - 1x flange flush cut
 - 1x flange normal cut
 - 1x toolbox



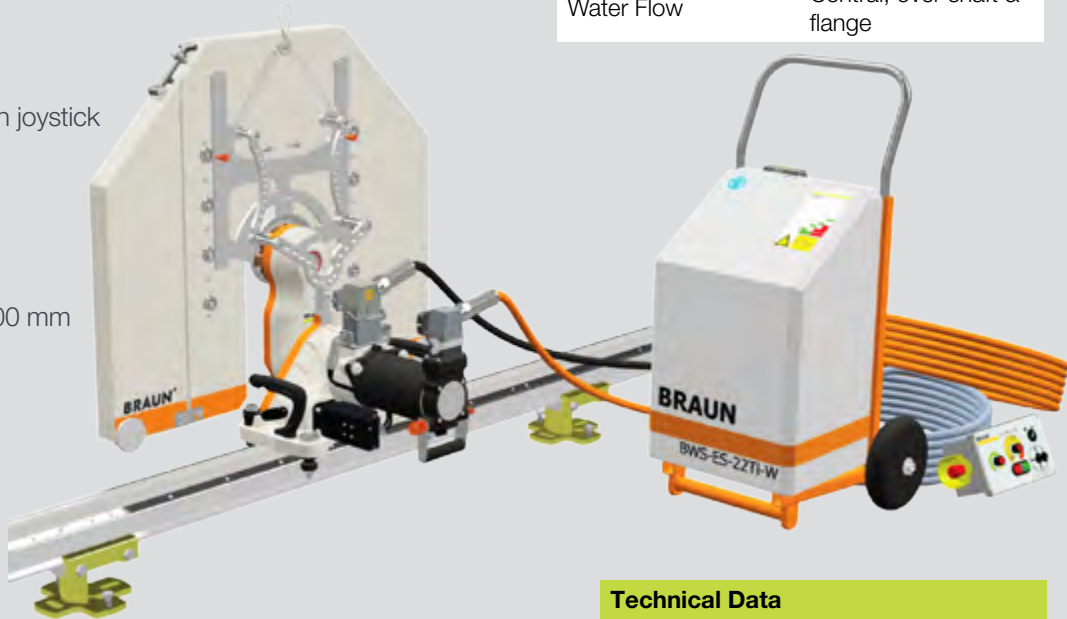
Technical Data	
Max. Saw Blade ø	1500 mm
Max. Cutting Depth	680 mm
Revolutions	0 to 1240 U/min.
Max. Output Power	18 kW
Max. Fuse Protection	35 A
Weight (HF Motor)	11.5 Kg
Weight (Saw Head)	26.5 Kg
In-feed & Tool Drive	Electric
Water Flow	Central, over shaft & flange

BWS15-TiP WALL SAW

- High cutting performance thanks to high-tech drive units
- Short set-up times due to quick mounting system
- High cutting accuracy, by specially designed torsion resistant tracks
- Highly versatile - from a wall shaver to a circle wire saw within one machine
- Low maintenance costs due to changeable single components
- Various mounting possibilities

Set consist of:

- 1x saw head
- 1x control unit & handpanel with joystick
- 1x cable set
- 1x track 2250 mm
- 1x track 1500 mm
- 4x track foot normal cut
- 1x blade cover normal cut Ø 800 mm
- 1x flange flush cut
- 1x flange normal cut
- 1x toolbox



Technical Data	
Max. Saw Blade ø	2000 mm
Max. Cutting Depth	930 mm
Revolutions	0 to 1240 U/min.
Max. Output Power	22 kW
Max. Fuse Protection	35 A
Weight (HF Motor)	14 Kg
Weight (Saw Head)	26.5 Kg
In-feed & Tool Drive	Electric
Water Flow	Central, over shaft & flange

BWS15-HS 22 WALL SAW

- High cutting performance thanks to high-tech drive units
- Short set-up times due to quick mounting system
- High cutting accuracy, by specially designed torsion resistant tracks
- Highly versatile - from a wall shaver to a circle wire saw within one machine
- Low maintenance costs due to changeable single components
- Various mounting possibilities

Set consist of:

- 1x saw head
- 1x control unit & hand panel with joystick
- 1x hydraulic power pack & hose kit
- 1x cable set
- 1x track 2250 mm
- 1x track 1500 mm
- 4x track foot normal cut
- 1x blade cover normal cut Ø 800 mm
- 1x flange flush cut
- 1x flange normal cut
- 1x toolbox



Technical Data	
Max. Saw Blade ø	1500 mm
Max. Cutting Depth	680 mm
Revolutions	1500 RPM
Max. Output Power	22 kW
Max. Oil Flow	60 l/min
Weight (HF Motor)	5.5 Kg
Weight (Saw Head)	25.5 Kg
In-feed & Tool Drive	Hydraulic
Water Flow	Central, over shaft & flange

BWS15-HS 26 WALL SAW

- High cutting performance thanks to high-tech drive units
- Short set-up times due to quick mounting system
- High cutting accuracy, by specially designed torsion resistant tracks
- Highly versatile - from a wall shaver to a circle wire saw within one machine
- Low maintenance costs due to changeable single components
- Various mounting possibilities

Set consist of:

- 1x saw head
- 1x control unit & hand panel with joystick
- 1x hydraulic power pack & hose kit
- 1x cable set
- 1x track 2250 mm
- 1x track 1500 mm
- 4x track foot normal cut
- 1x blade cover normal cut Ø 800 mm
- 1x flange flush cut
- 1x flange normal cut
- 1x toolbox



Technical Data	
Max. Saw Blade ø	2000 mm
Max. Cutting Depth	680 mm
Revolutions	1500 RPM
Max. Output Power	26 kW
Max. Oil Flow	60 l/min
Weight (HF Motor)	5.5 Kg
Weight (Saw Head)	31 Kg
In-feed & Tool Drive	Hydraulic
Water Flow	Central, over shaft & flange

SSP2.0 WIRE SAW UNIT WITH WIRE STORAGE

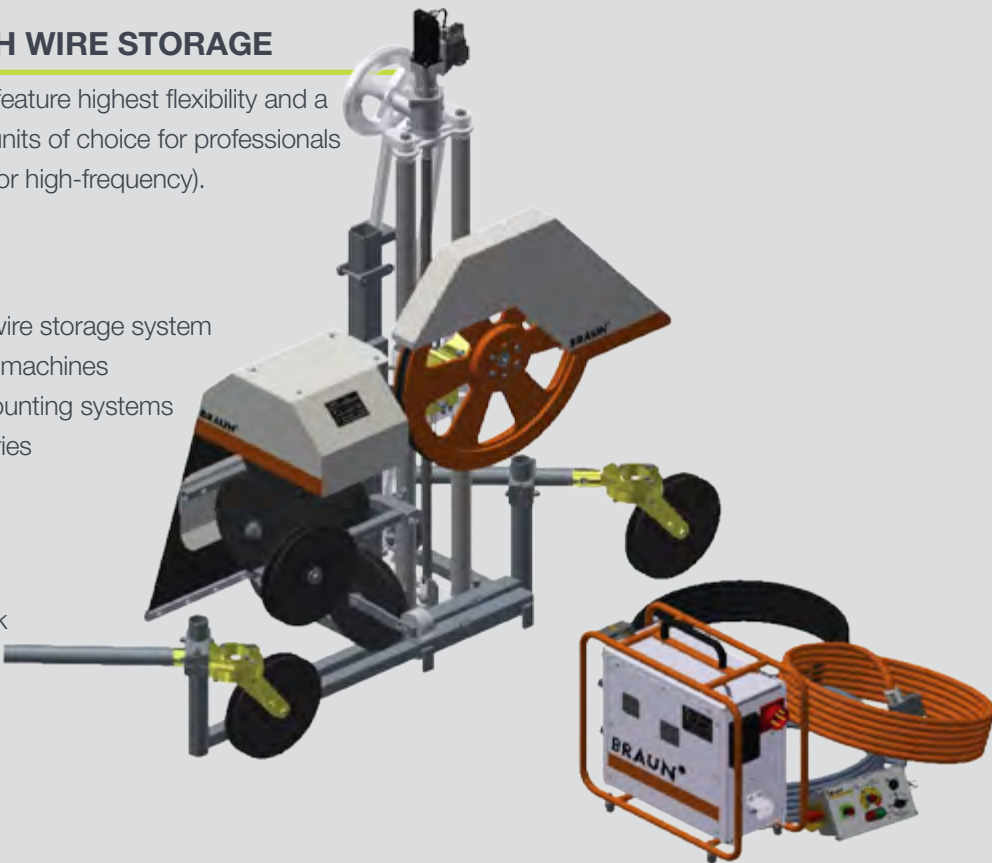
BRAUN wire saw systems (rope saws) feature highest flexibility and a broad range of applications. The drive units of choice for professionals are wall saw motors (electric, hydraulic or high-frequency).

Capacity: up to 12 metres of wire
Electrically driven

- Low wire load thanks to patented wire storage system
- Cost efficient - usable with existing machines
- Short set-up times due to quick mounting systems
- Versatile thanks extensive accessories
- Robust and compact design

Set consist of:

- 1x drill rig BBD2W UL=800 mm
- 1x control unit & handpanel with joystick
- 1x cable set
- 1x electric feed drive unit
- 1x wire drive wheel
- 1x wire storage SSP 2.0
- 1x tool drive motor 11kW BSM11-Ti-F
- 1x set safety covers
- 2x swivel axle 360°



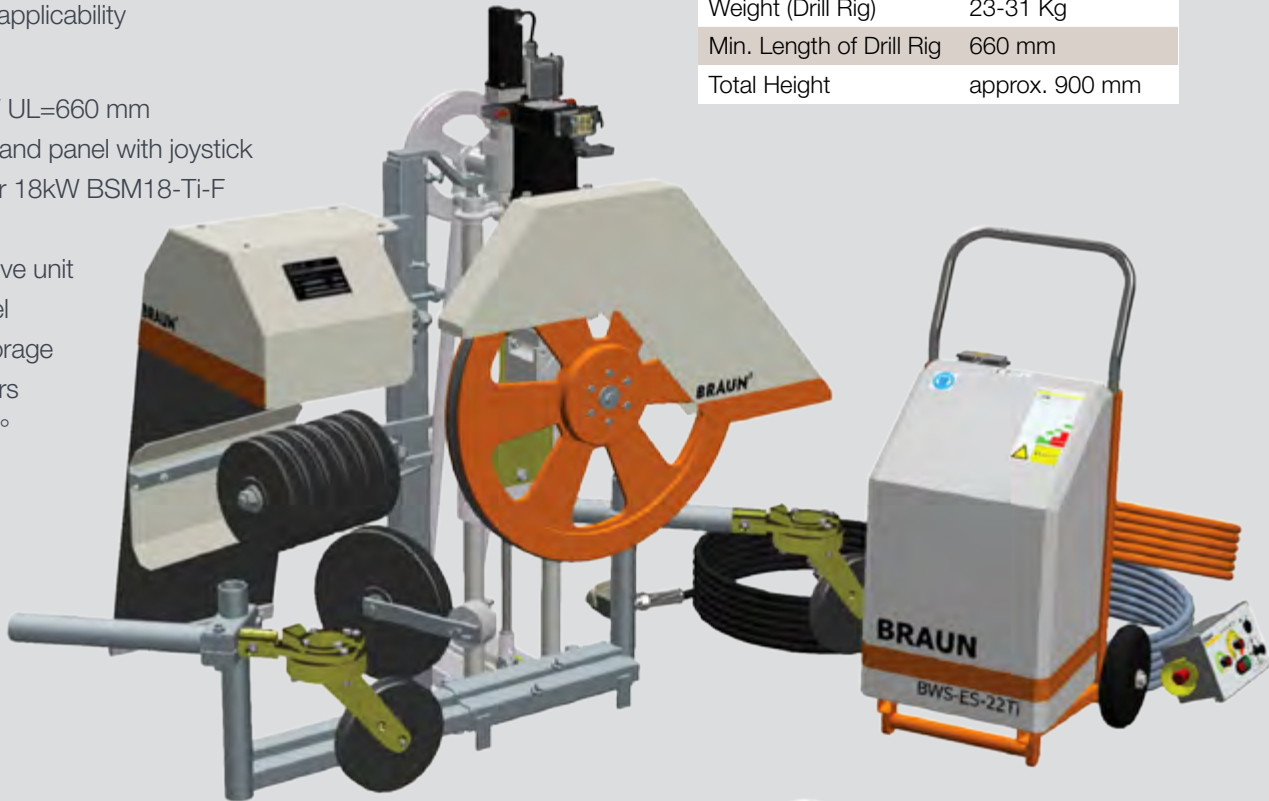
SSP12 WIRE SAW UNIT WITH WIRE STORAGE

Compact Wire Saw with Wire Storage for Specialists
Cutting surface up to 8 m² without wire shortening

- High cutting capacity
- Optimal wire utilisation: shortening of diamond wire is not necessary
- Wire-protecting construction due to large rerouting radius of pulleys
- Short set-up times due to modular system with quick acting closures
- Low weight and easy and safe operation
- Multipurpose applicability

Set consist of:
1x drill rig BBD2W UL=660 mm
1x control unit & hand panel with joystick
1x tool drive motor 18kW BSM18-Ti-F
1x cable set
1x electric feed drive unit
1x wire drive wheel
1x SSP12 wire storage
1x set safety covers
2x swivel axle 360°

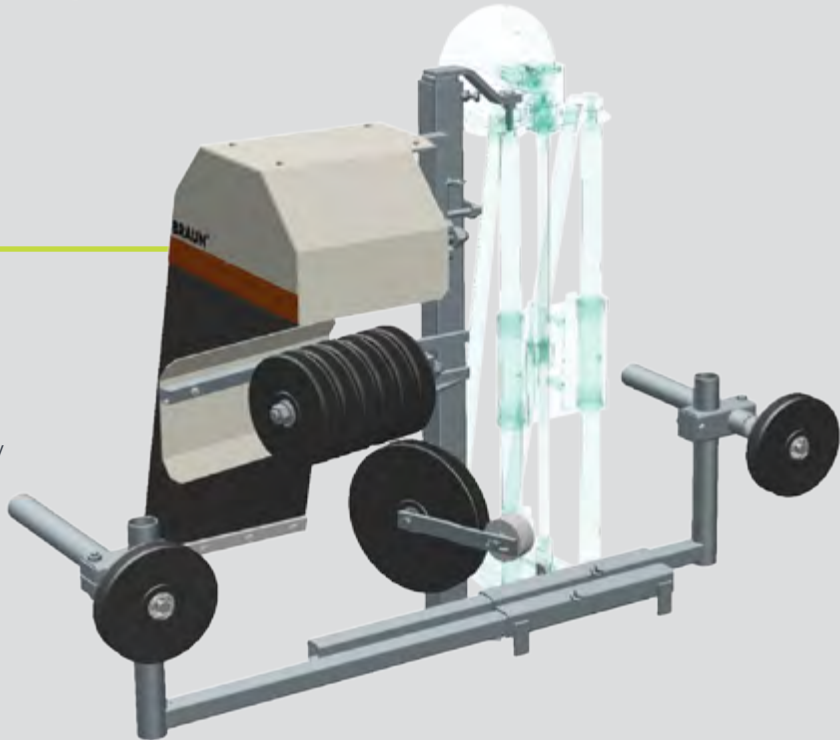
Technical Data	
Power	18 kW
Wire Speed	0 - 30 m/s infinitely variable
Feed Drive	Electric
Storage Capacity	Approx. 12 m diamond wire
Weight (Wire Storage)	44 Kg
Weight (HF Saw Drive)	37 Kg
Weight (Drill Rig)	23-31 Kg
Min. Length of Drill Rig	660 mm
Total Height	approx. 900 mm



SSP12 WIRE STORAGE

For existing drill rigs
Capacity: up to 12 meter of wire

Set consist of:
1x rerouting device
1x support with pulley holder and guide pulley
2x Storage-pulley package SSP12
1x set safety covers



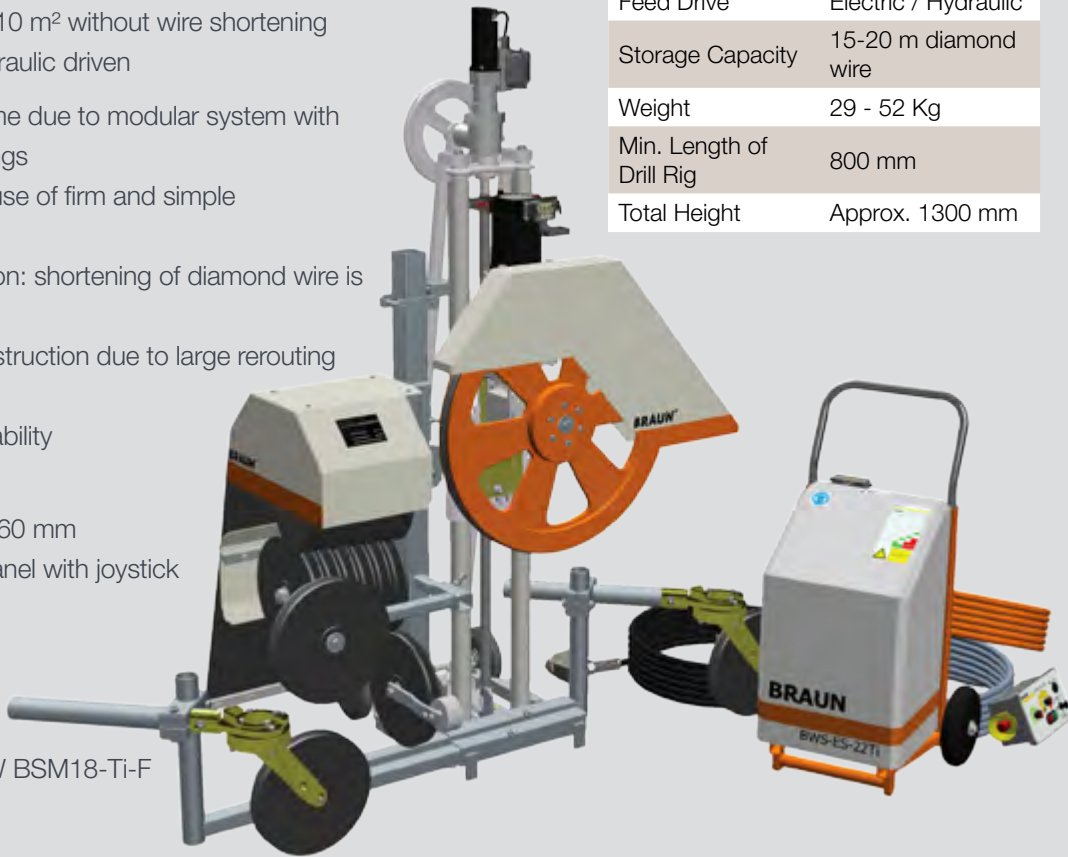
SSP15 WIRE SAW UNIT WITH WIRE STORAGE

Patented wire storage system for the specialist
Cutting surface of up to 10 m² without wire shortening
Option of Electric or Hydraulic driven

- Short preparation time due to modular system with snap closure couplings
- Easy handling because of firm and simple construction
- Optimal wire utilisation: shortening of diamond wire is not necessary
- Wire-protecting construction due to large rerouting radius of pulleys
- Multipurpose applicability

Set consist of:
1x drill rig BBD4W UL=860 mm
1x control unit & hand panel with joystick
1x cable set
1x electric feed drive unit
1x wire drive wheel
1x wire storage SSP15
1x tool drive motor 18kW BSM18-Ti-F
1x set safety covers
2x swivel axle 360°
(Hydraulic Option:1x hydraulic wheel drive)

Technical Data	
Feed Drive	Electric / Hydraulic
Storage Capacity	15-20 m diamond wire
Weight	29 - 52 Kg
Min. Length of Drill Rig	800 mm
Total Height	Approx. 1300 mm



SSP15 WIRE STORAGE

For existing drill rigs
Capacity: up to 12 meter of wire

Set consists of:
1x rerouting device
1x support with pulley holder and guide pulley
2x Storage-pulley package SSP15
1x set safety covers



SSP15-WS WIRE STORAGE
FOR WALL SAW TRACKS

Wall saw used as wire saw with
variable wire storage base unit.

- Set consist of:
- 2x storage-pulley package SSP15
 - 1x pulley support
 - 2x clamps for pulleys
 - 1x bracket swivelling axle
 - 2x swivelling axle 360°
 - 4x guide pulley Ø250
 - 1x safety cover for guide pulleys
 - 1x bracket for storage-pulley package inclined
 - 1x bracket for storage-pulley package straight



Technical Data	
Power	7.5-26 kW
Storage Capacity	12-25 m diamond wire

CIRCLE WIRE SAW KIT

For existing BRAUN-wall saws
Accessory to wall saw base unit

- Set consist of:
- 4x guide pulley Ø250
 - 1x bracket with turning unit
 - 1x safety covers
 - 1x support wheel

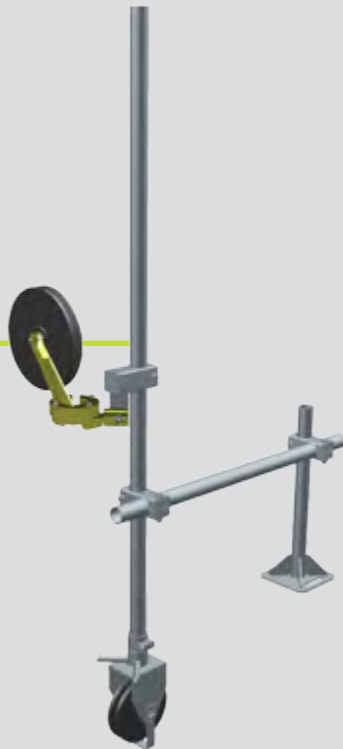


Technical Data	
Power	7.5-26 kW
Diameter Range	800 - approx. 5000 mm

WIRE PLUNGE SAW KIT

For existing BRAUN-wire saws
Up to 2.5 m cutting depth

- Set consist of:
- 2x guide pulley Ø250
 - 2x swivelling axle 360°
 - 2x bracket for guide pulley
 - 2x plunge saw bracket with pulley
 - 4x shim



PLUNGE CUT SAW

- Cutting depth up to 10 meters
- Cutting width up to 1200 mm
- High cutting accuracy, by specially designed routing bracket
- Can be used with existing drill rigs and existing hydraulic power units
- Versatile, from a drill rig to a stitch drilling machine



RAIL MODULAR SYSTEM

The Braun rail modular system incorporates methods to cut, drill or grind in just about any position, with flexibility to utilise all standard and non standard machines.

- Existing tracks can be used
- Almost limitless combination possibilities
- The frame can be sprayed against the ceiling therefore a dowel-free installation is possible
- Universally applicable
- Shortening the assembly time



**WS75 (A,H) FRIDA
DIAMOND ROTATION ARM WALL SAW
(THREE PHASE OR HIGH FREQUENCY)**

A powerful electric wall saw available in two versions:

- WS75 a water-cooled, robust 6 kW three phase motor.
- WS75 H a water-cooled 11 kW high frequency motor, with wired hand control unit

For cutting concrete walls and masonry up to 395 mm deep, with water-cooled high-frequency motor and wireless remote control. Perfect for cutting of concrete walls and masonry up to 395 mm, controlled demolition during refurbishment and flush cutting.

- Very powerful, water-cooled three phase motor with 6 kW or extremely strong high frequency motor with 11 kW
- High feed power of the longitudinal and dip feed
- Variable spindle speed
- Gear with oil bath lubrication and overload clutch
- Splash water proof according IP 55
- Blade guard for flush cutting as accessory
- Motor can be disconnected from the machine basis without any tools
- Torsion resistant track with wear resistant taper gibs made of stainless steel



Technical Data	WS75	WS75 H
Nominal Power	6000 W	11000 W
Output Power	4800 W	9000 W
Rated Speed of Spindle	1400 1/min	1000-2000 1/min
Saw Blade Diameter	750/930 mm	750/930 mm
Cutting Depth	320/410 mm	320/410 mm
Feed Power - Longitudinal and Dip Feed	2000 N	2000 N
Speed - Longitudinal Feed	0-3 m/min	0-3 m/min
Speed - Dip Feed	0-1 1/min	0-1 1/min
Weight - Saw Motor	17 Kg	13.5 Kg
Weight - w/o Saw Motor	19 Kg	19 Kg
Blade Fixture	25.4 mm	25.4 mm
Saw Flange for Flush Cut	TK90 - 6xM8	TK90 - 6xM8

ABOUT DIAMOND WIRE

Diamond Wire sawing is now used extensively throughout the construction industry for making economical cuts in large concrete sections where removal, alteration or complete demolition is required. At TRAXX, we offer a vast range of wires for all applications. Shown here is our range for all concrete and steel construction applications. There are essentially two main types of wire.

Sintered - This wire has beads that are metallurgically sintered in their method of manufacture and tend to provide longer life in most concrete materials.

Electroplated or Diamond Brazed - In this method, the diamond coating is vacuum brazed or electroplated to the diamond bead as opposed to sintered. This type of wire is used where improved speed of cut is required or where heavy steel content is encountered in the concrete. TRAXX also has versions for 100% steel cutting if required.

All TRAXX wires are assembled for longevity and safety. All beads are pressed onto the carrier wire, before springs and rubber injection is applied.

Traxx has developed specialised rubber to prevent premature cracking that allows deterioration of the wire.

Most wires are available in 3 or 4 different bonds, thus providing improved speed of cut or longer life where needed.

At TRAXX we are proud of the fact that we can deliver 95% of wires ex stock.



**THE PERFECT
WIRE JOINT**

**USE A GRINDER TO GET AN EVEN
SURFACE**

Use a grinder to cut the cable and make sure the cable has an even surface.



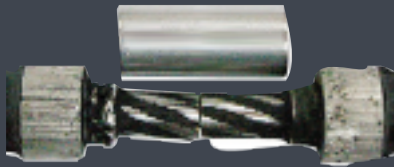
**REMOVE ALL RUBBER COATINGS
AND SPRINGS**

Use a knife to remove all the rubber coating and springs from the cable.



**APPLY PRESSURE TO THE ENTIRE
AREA OF COUPLER**

Press the whole area of the coupler with the 5 ton press (HT45) a couple of times for greater breaking force achievement (see image).



high performance wire

C6



40 beads / 1m

- Diamond Layer : 1 .75mm
- 4.8mm Cable



super wire

C14

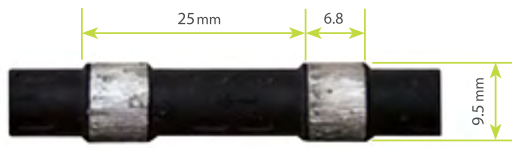


40 beads / 1m

- Diamond Layer : 2 .00mm
- 4.8mm Cable

finish wire

C12



40 beads / 1m

- Diamond Layer : 1 .25mm
- 4.8mm Cable

fine wire

C11

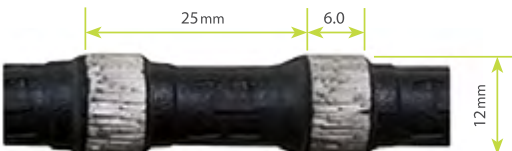


40 beads / 1m

- Diamond Layer : 1 .00mm
- 3.8mm Cable

jumbo wire

C7



40 beads / 1m

- Diamond Layer : 2 .00mm
- 4.8mm Cable

techno wire

C15



40 beads / 1m

- Diamond Layer : 1 .25mm
- 4.8mm Cable

dry wire

C18

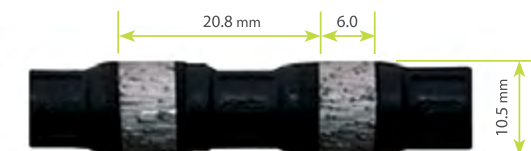


48 beads / 1m

- Diamond Layer : 1 .75mm
- 4.8mm Cable

hydra wire

C4



48 beads / 1m

- Diamond Layer : 1 .75mm
- 4.8mm Cable

step wire

C10



40 beads / 1m

- Diamond Layer : 2 .00mm
- 4.8mm Cable

precision (safety) wire (II)

C16



40 beads / 1m

- Diamond Layer : 1 .15mm
- 4.8mm Cable



standard wire

C1



40 beads / 1m

- Diamond Layer : 1 .50mm
- 4.8mm Cable

various colour coding available

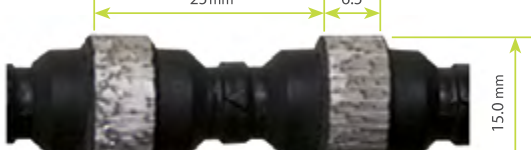
C17



- Available on Customer's Request

grooving wire

C8



40 beads / 1m

- Diamond Layer : 2 .50mm
- 4.8mm Cable

speedy wire

C13



30 beads / 1m

- Diamond Layer : 1 .75mm
- 4.8mm Cable

precision (safety) wire (I)

C5



40 beads / 1m

- Diamond Layer : 1 .65mm
- 3.8mm Cable

various coloured rubbers available

C2



- Available on Customer's Request

heavy concrete wire

HT1



40 beads / 1m



- 4.8mm Cable

steel wire

HT2



40 beads / 1m



- 4.8mm Cable

concrete wire

HT3



40 beads / 1m



- 4.8mm Cable

hydra steel wire

HT4

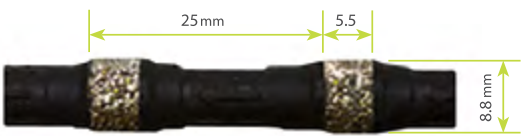


48 beads / 1m

- 4.8mm Cable

finish wire

HT5



40 beads / 1m

- 3.8mm Cable

grooving wire

HT6



40 beads / 1m

- 4.8mm Cable

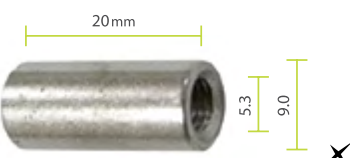
DIAMOND WIRE BOND SELECTION CHART

SINTERED WIRE									
10	10								
25		25							
45			45						
60				60					
80					80				
90						90			
ELECTROPLATED WIRE									
HT1							HT1		
HT2								HT2	
HT3									HT3
	EXTREME HARD REINFORCED CONCRETE	HARD REINFORCED CONCRETE	MEDIUM TO SOFT CONCRETE	REFRACTORY	MASONRY & BLOCK	SANDSTONE	LIMESTONE	STEEL SHEETING WITH CONCRETE	EXTREME STEEL / CONCRETE
									SOLID STEEL
	← SOFTTEST BONDS						HARDEST BONDS →		

accessories for assembling

for 4.8mm cable

JC1



JC3
(Flexible)

DOUBLE JOINT



JC4
(Screw)

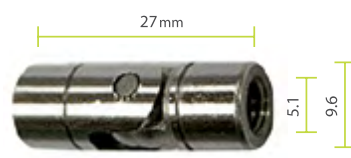


JC5

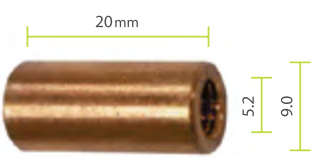


JC7
(Flexible)

SINGLE JOINT

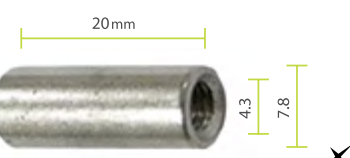


JC9
(Copper)

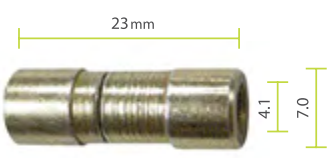


for 3.8mm cable

JC2



JC8
(Screw)



assembling press & die

HT45
(5 Ton)



MK8
(for 4.8mm cable)



MK7
(for 3.8mm cable)



X = Normally stocked item .