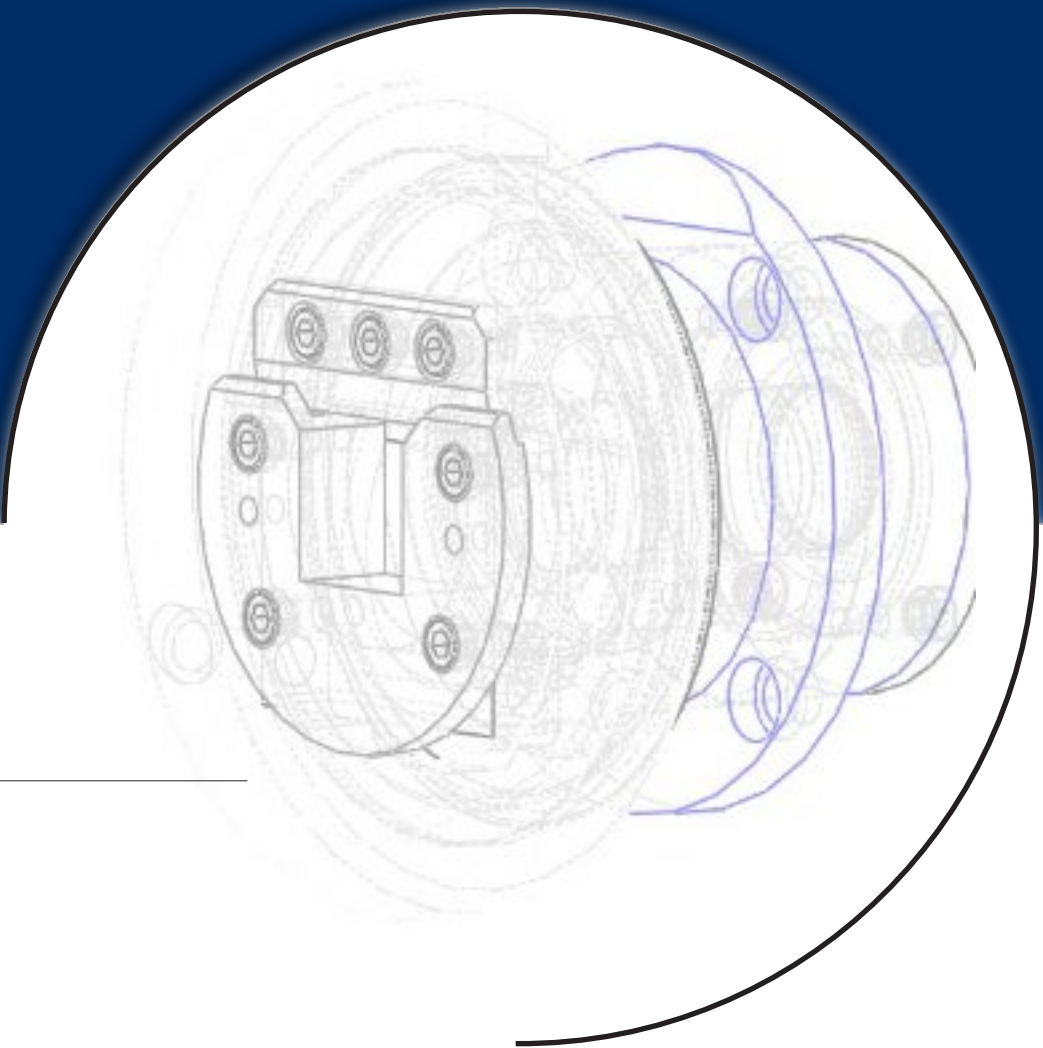
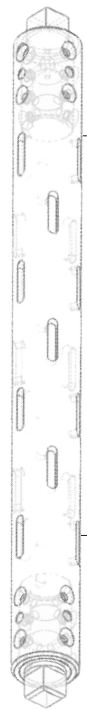


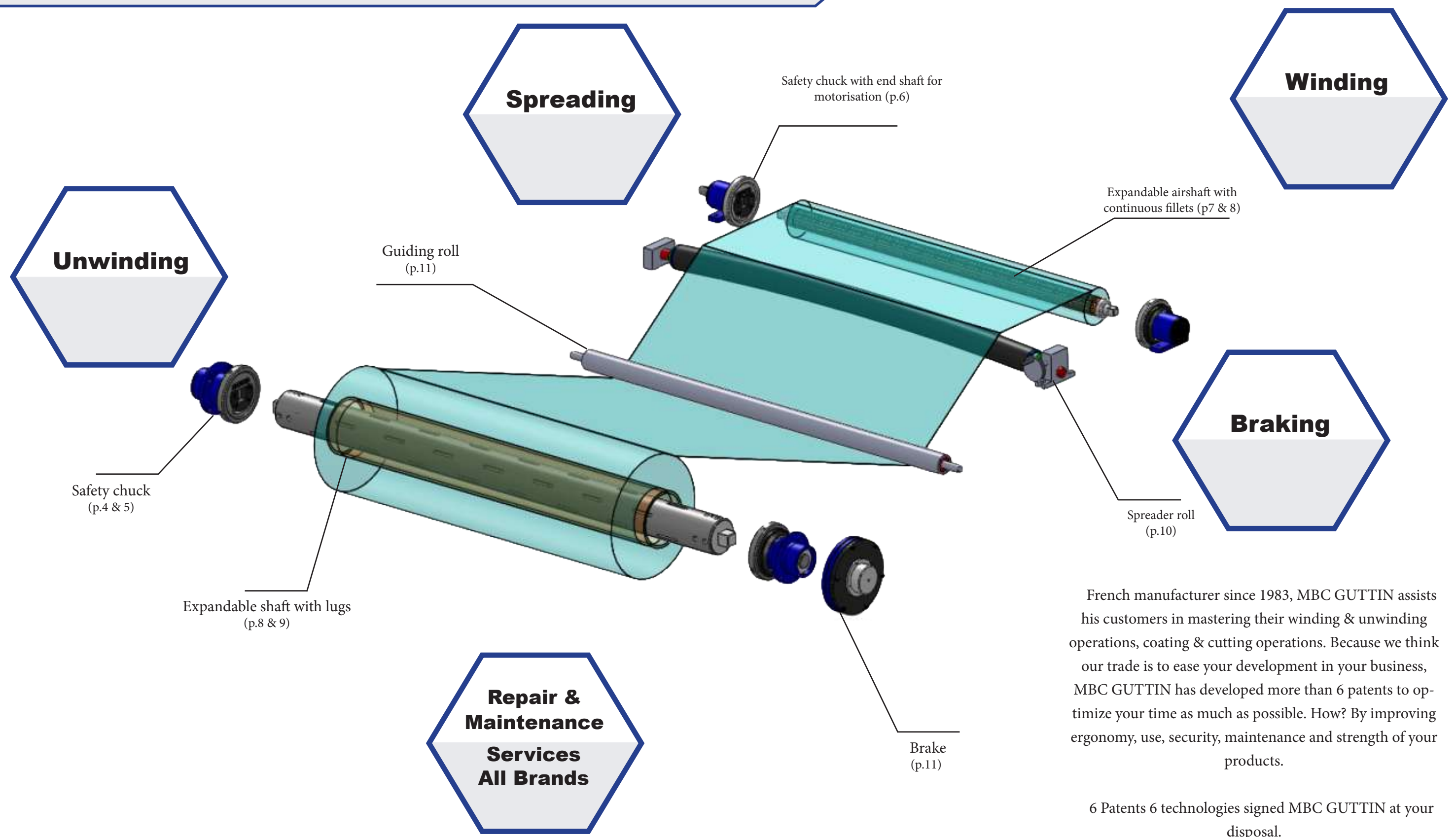


Equipment winding - unwinding

French Manufacturer of expandable airshafts - Safety chucks - Brakes - Spreader rolls



MECANISM
BLOCKING
CONTROL



French manufacturer since 1983, MBC GUTTIN assists his customers in mastering their winding & unwinding operations, coating & cutting operations. Because we think our trade is to ease your development in your business, MBC GUTTIN has developed more than 6 patents to optimize your time as much as possible. How? By improving ergonomy, use, security, maintenance and strength of your products.

6 Patents 6 technologies signed MBC GUTTIN at your disposal.

SAFETY CHUCKS

Benefits

Made in France

100 % steel

To be mounted instead any installation :
replacement – custom made - repair

Possibility of certain adaptation according to
your requests

Safety

Auto- Lock system

Garantee more security

A chuck with several options for your safety
& different types of locking system (p6)



The MBC safety chucks (Mechanism Blocking Control) were designed to achieve all your winding & unwinding operations. Its automatic locking system protects in the event of an accident. Discover all our designs and find the solution that best suits your needs.

Patents MBC

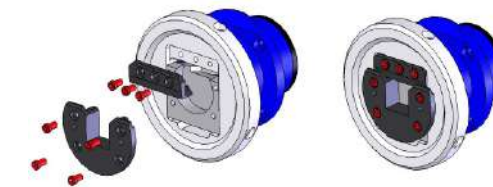


Easier maintenance

A chuck design to optimize your maintenance time.

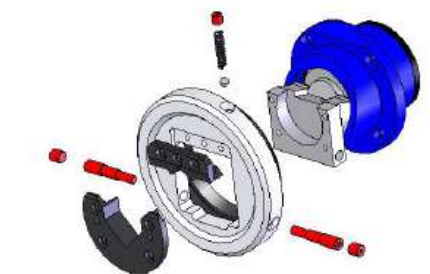
Gain nearly 15 minutes on the change of your wear parts.

7 screws and a disassembly only by the front face !



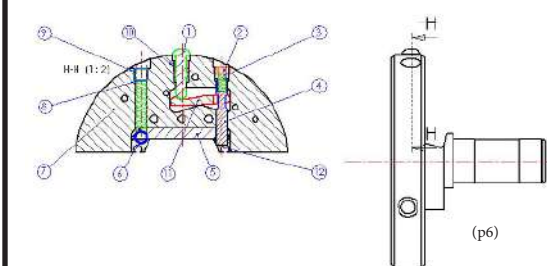
Easier maintenance

Disassembly of steering wheel axis and the locking ball becomes simply as child's play.



Design

Design of the locking system made with a push button stronger, more secure, more ergonomic.



MODEL	REEL WEIGHT	TORQUE	SQUARE DIMENSION
14 – 20	150 kg	40 Nm	14 to 20 mm
18 – 25	400 kg	120 Nm	18 25 mm
20 – 30	800 kg	185 Nm	20 to 30 mm
30 – 40	1600 kg	350 Nm	30 to 40 mm
40 – 50	2850 kg	1 100 Nm	40 to 50 mm
50 – 80	7200 kg	2 350 Nm	50 to 80 mm
80 – 120	11 500 kg	9 000 Nm	80 to 120 mm
120 – 180	22 000 kg	20 000 Nm	120 to 180 mm
180 – 230	60 000 kg	40 000 Nm	180 to 230 mm

Available goods

Manual chuck

- Chuck with pivoting disc
- Chuck with slidding disc
- Translatory chuck, stroke 50 or 100 mm

Pneumatical chuck

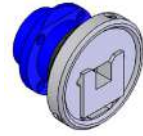
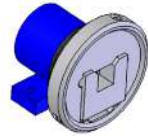
- Pneumatical chuck simple or double effects
- Pneumatical selcentring and multifunctions

Choice of options :

Choose your fixation type :



Foot
(serie 150)



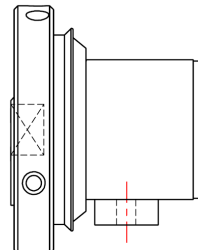
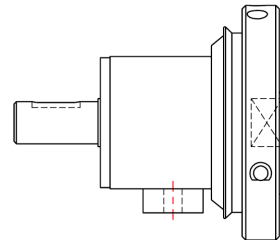
Flange
(serie 250)



Choose your shaft end (coupled to a motorisation or a braking system) :



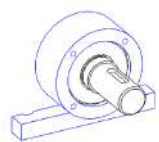
Chuck with shaft end
= SFE/G



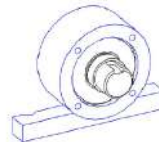
Chuck without shaft
end = SFE



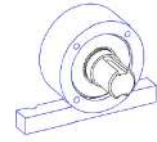
If with shaft end, choose the type best suited for your application :



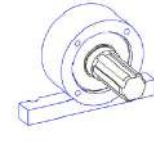
STD



MD



BD



AC

Other
applications on
demand

Choose your geometry :

WITHOUT wear part



Type A

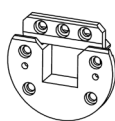


Type E

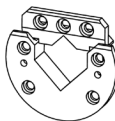


Type B

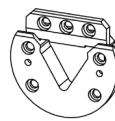
WITH wear parts



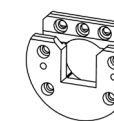
Type APU



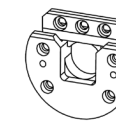
Type EPU



Type BPU

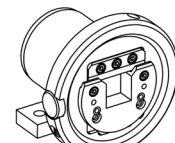


Type AVPU

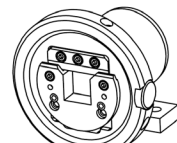


Type AWPU

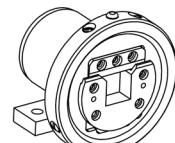
Choose your anti opening system :



Type 1 - Left knurl



Type 1 - Right knurl

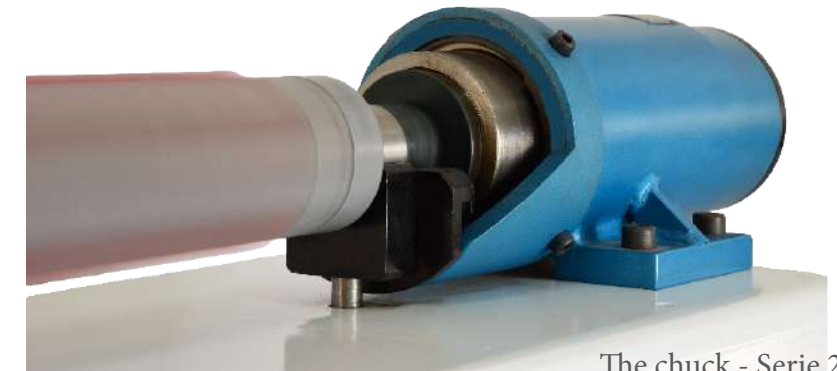


Type 2 - Push button

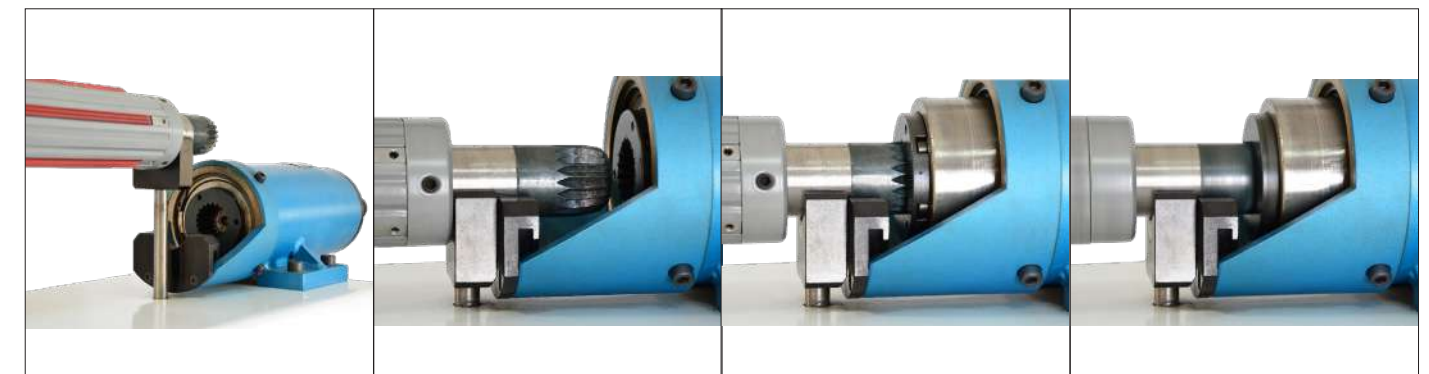
Patent MBC : Chuck serie 2000

Benefits

- Work at high speed
- No vibration
- Selfcentring
- Multifunction
- Axial adjustment



The chuck - Serie 2000
& 2100 is a pneumatical
chuck that simplify your
operation and improve
your performance.



Step 1

Install your shaft
on the support

Step 2

Start your pneumatical
system

Step 3

Thanks to his conical tip, the
Serie 2000 collects and center
automatically the shaft. The
double conical tip avoids dama-
ging effects on the notched end.

Step 4

Start rotation. You have now
a rotation with no vibration
which allows the work at very
high speed, in safer conditions,
with better performances.

Options available:

Smooth shaft support



Expansible head
with shells



Shaft support with journal
bearing



Expansible head
with lugs



Benefits



Made in France
since 1983

Engineering Department
Custom made – Repairs



Lightness : MBC Guttin
thinks about your users !

R&D of a reinforced aluminium :
+ 35 % load
- 40% bending
for an equal weight to a standard
aluminium shaft

Choose your material :
Aluminium - Steel,
and only for shaft with lugs :
Carbon - reinforced Aluminium

Choose your expansion :
Rubber - Aluminium - Steel

Choose your expansion :
With lugs or continuous fillets

Choose your shaft end :
Square - triangle - double
geometry or custom made.



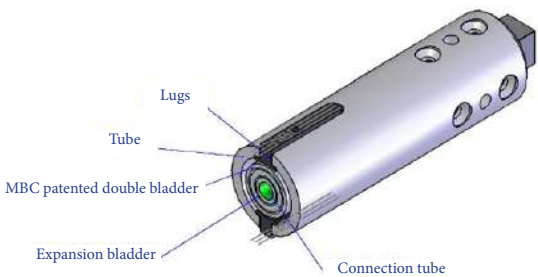
Expandable airshafts allows the inside core
to mold the shaft and to exert winding &
unwinding operations.

Manufacturer, MBC offers expandable
airshafts from $\varnothing 1"$ (25.4 mm) up to
 $\varnothing 35"$ (900 mm) and up to 9 m length.

We carry out the desired shaft end with all
your specifications needed for your
application.

Patent MBC

Airshaft with lugs



Strengthness

Protection of the bladder kit with the
«double skin».
Unique & patented by MBC Guttin.



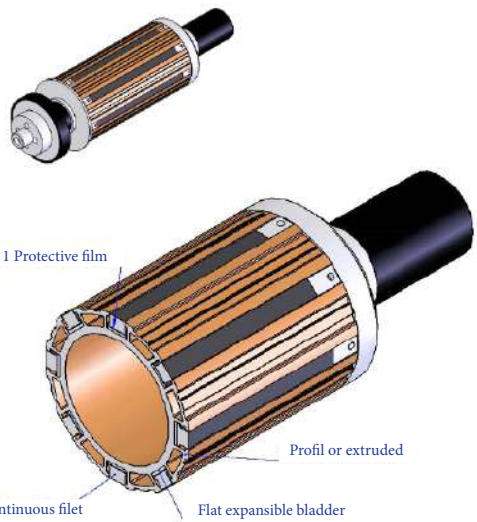
Easier maintenance

Thanks to our double skin bladder, the
lugs remain in place !

You save 45 minutes when changing the
bladder kit.

Design

Airshaft with continuous fillets



Expandable head



- Cantilevered work
- Rigidity & adaptability
- Stationary bar

Sleeve



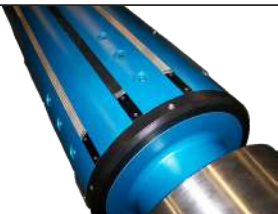
- Quick use
- Change of $\varnothing$ if desired
- Easily switch from $\varnothing 74$ mm to $\varnothing 150$ mm

Airshaft with shells



- Protects the final product
- Thin thickness cores
- Use without cores

Design for paper industry



- Locking & centring continuous fillets
- Static balancing of the tube
- 1750 m/ min - up to 15 tons

Friction bar



- Multitracks
- Friction rings (balls or pawls)
- Equal tension on each spool

SPREADER ROLLS

Get the best spreading system for your material.

A good spreading is obtained by the choice of an advisable material adapted to your product as well as the type of fold. MBC provides 4 kinds of spreader rolls, all specific to each application.

Curved spreader roll or Banana roll



Spreader roll with stainless steel laths



Benefits

- Operates by deformation
- The most polyvalent of our spreader rolls (moisture, corrosive..)
- Different kind of coating or fully made of stainless steel
- Fixed or variable curvature

Spreader rolls with ropes



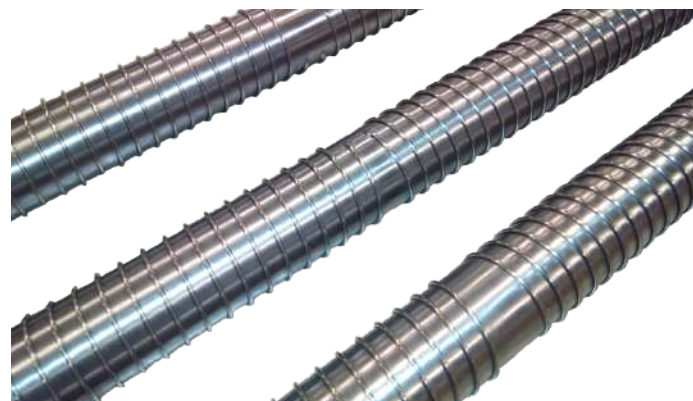
Benefits

- Operates by spreading
- Perfect for technical textiles & delicate materials
- Polyvalent (film, plastic...)
- Different kind of ropes

Benefits

- Operates by spreading
- Suitable for heavy and delicate materials
- Different kind of coating for the laths

Spiral spreader rolls (machinated or add-on)



Benefits

- Operates by spreading the material effortless
- To be mounted instead of guiding rolls
- Thickness & depth choices
- Available in aluminium, steel, stainless steel, rubber
- No maintenance

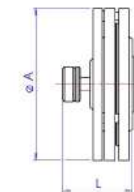
BRAKES



Manage the tension of your product thanks to our MBC braking system. At MBC we offer a ferrodo brake, manual or pneumatical, made in France, fitting all your applications.

Even more accuracy? We also have multi-piston and electrical brakes. Do not hesitate to contact us !

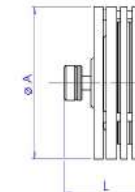
Mono-disc



Power	øA	L
40 Nm	145	100
70 Nm	220	100
480 Nm	300	100



Bi-disc

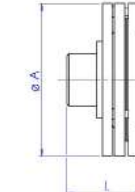


Power	øA	L
90 Nm	145	125
180 Nm	220	125
900 Nm	300	125

MANUAL
BRAKE



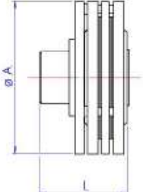
Mono-disc



Power	øA	L
40 Nm	145	125
70 Nm	220	125
480 Nm	300	125



Bi-disc



Power	øA	L
90 Nm	145	145
180 Nm	220	145
900 Nm	300	145

PNEUMATICAL
BRAKE



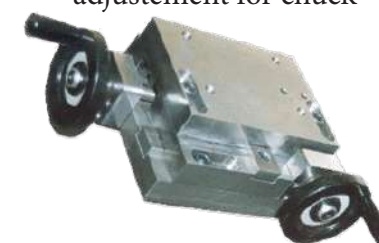
Miscellaneous

- Anti-static Material
- Tension Control

Guiding roll



Support base axial and or radial
adjustement for chuck



Mechanical head expansion
with torque



Trolley and/or frame design



Mechano pneumatical or manual
reel riser



Mechanical head with axial thrust



Shaft with bearing case for cantilevered
unloading



Fiberglass Core



Aluminium locking cones



GLOBAL PRESENCE



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Stéphane GUTTIN

Technical Manager

Fabrice GUTTIN

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Marie -Blanche GUTTIN

Engineering - Custom Service

Julien GULLON

Company Founder & Consultant Marion MORONVALLE

Christian GUTTIN

Quality & Production Manager

Gérard REYNAUD

— Our Worldwide Sales —



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GREAT BRITAIN

is coming...



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is coming...



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