



## DESIGN TO INNOVATE

Our chains are used  
in many areas  
due to the wide range  
of products and the  
possibility to customise  
them for your every need

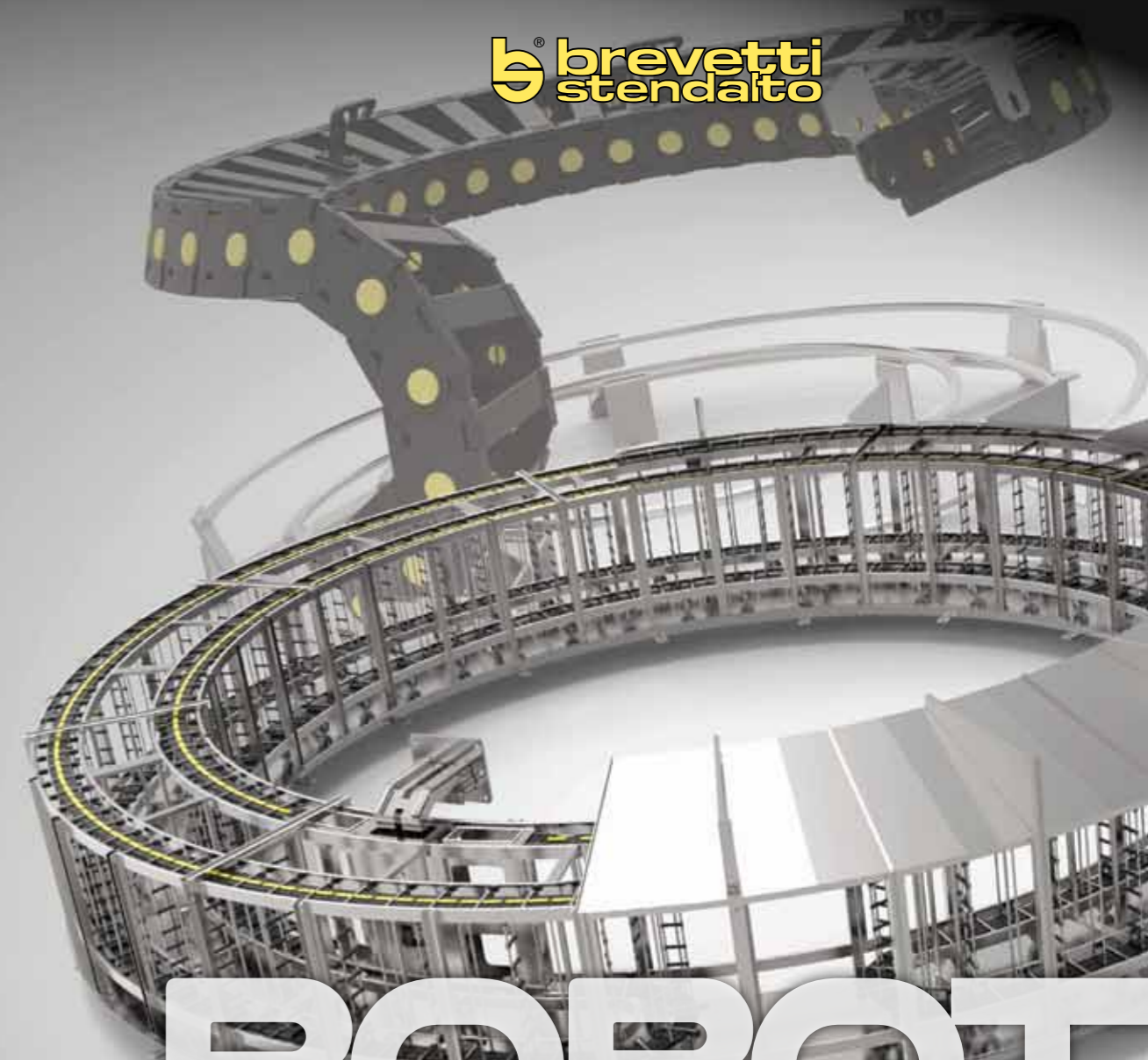


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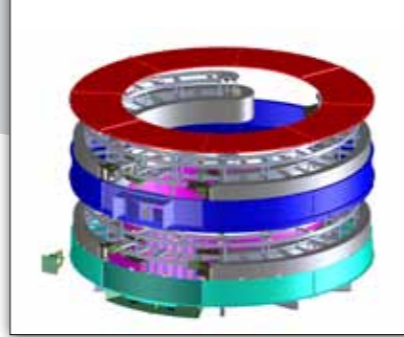
[WWW.BREVEETTISTENDALTO.DE](http://WWW.BREVEETTISTENDALTO.DE)



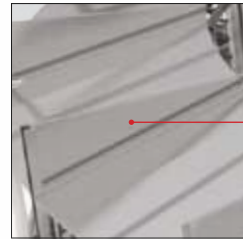
# ROBOT & Rotations

# FOR EACH ROTATION THE RIGHT CHAIN

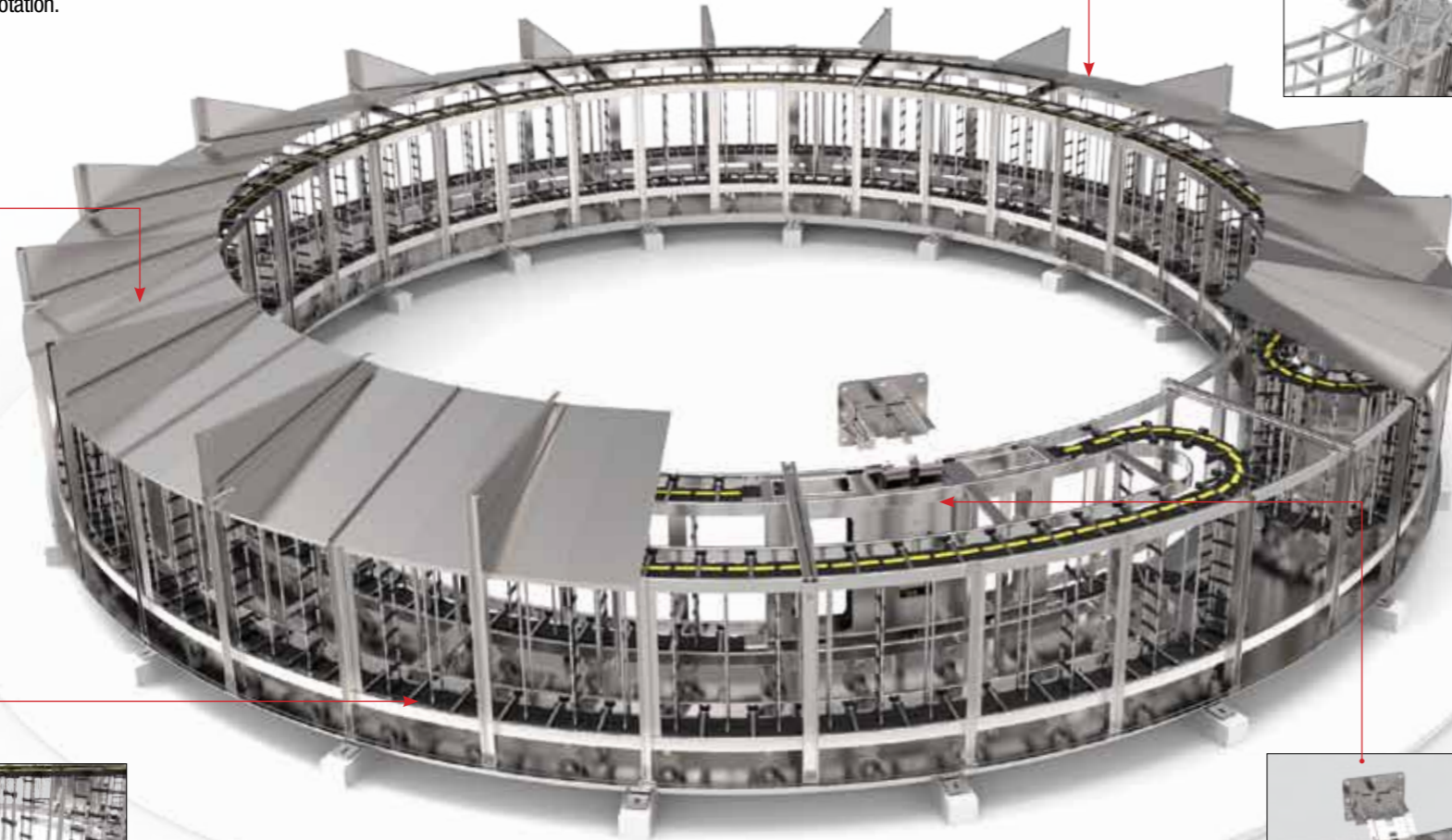
In circular movements in a horizontal arrangement, the cable chain moving in two opposite circular directions (chains with rear bending radius). Almost all **Brevetti Stendalto** chain series can be supplied with this counter-radius. With the use of backward curved chains it is possible to create rotations both on small and large equipment. **For applications with rotations up to 180° it is possible to use only one chain. For applications with rotations over 180° it is necessary to use two chains.** For a correct usage they should be guided both internally and externally. A special inner movable frame, mounted on anti-friction skids or pivoting wheels in combination with a guide housing guarantees the rotation.



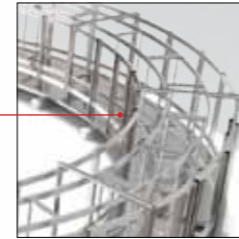
**UP OPEN**  
To increase the angle of rotation about 540° several Rotations can be built over each other



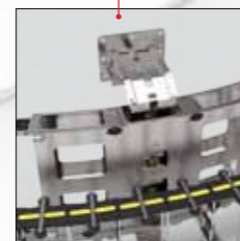
**FROM ALL SIDES PROTECTED**  
Housings available on request



**MINIMUM FRICTION**  
Skids and rollers for reducing the friction

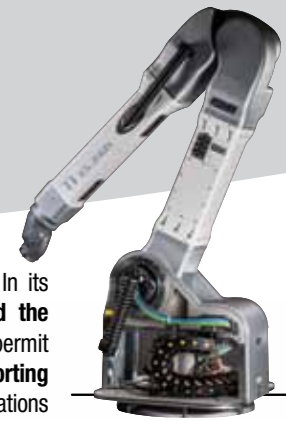


**ALWAYS GOOD GUIDED**  
The movable inner frame ("Banana") guaranteed the proper run of the rotation

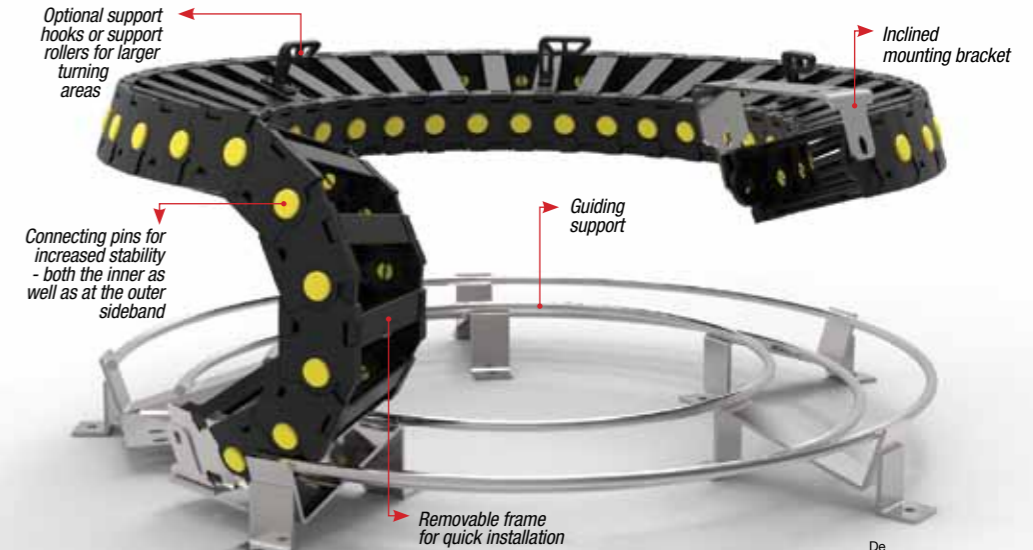


**WELL-THOUGHT-OUT ACCESSORIES**  
We also provide on request special moving brackets for a proper and safe cable guiding

# DYNAMIC CABLE PROTECTION



The series **ROBOT** has been specifically designed for circular movements. In its continuous technological evolution, **Brevetti Stendalto has revolutionised the concept of circular chains.** Due to the particular construction of the links, permit them to rotate up to 540°. The chains from the "**ROBOT**" series are **self-supporting and they do not need any support up to 200°.** For applications with rotations exceeding that value it is necessary to use its own appropriate accessories like support rollers or support hooks.



Optional support hooks or support rollers for larger turning areas

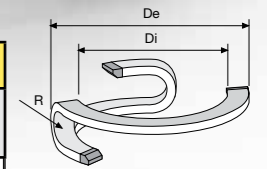
Inclined mounting bracket

Connecting pins for increased stability - both the inner as well as at the outer sideband

Guiding support

Removable frame for quick installation

Type	Quote A	Quote C	Quote D	Radius
	mm	mm	mm	mm
495	69	45	35	100
500	93	65	30	from 100 to 150
510-515TN	132	88	46	from 125 to 175
545	123	100	46	100
560	405	342	54	265
599	272	210	59	220



Type	Di	De
495	600	755
500	630	830
510TN	940	1220
515TN	1060	1340
545	485	760
560	600	1390
599	1400	2000