



 **infinity**
CONTINUOUS EXPANSION CHUCK



infinity

CONTINUOUS EXPANSION CHUCK

INFINITY, innovative and universal pneumatic core chuck, is the perfect solution in case of cores of different diameters since with a single core chuck it is possible to work with core diameters from 3" to 6" or 3" to 12" without the need for adapters. This is possible thanks to the continuous expansion of the gripping units.

Through the air pressure, the expansion units expand and safely stop when the reel is engaged without damaging the reel core.

The automatic continuous expansion of the units doesn't require any manual adjustment and ensures the highest safety level for the operator as eliminates any loads handling for the changing of the cages.

Furthermore, Infinity ensures a perfect grip to any core and continuous in operation as it eliminates the needs of manual intervention usually required when using different core diameters.

Send us your application requirements and we will work with you to find the model that suits your needs.

Click on the "play" icons in this catalog and see demonstration videos!



INFINITY

Universal solution for core diameters from 3" to 12"

FITS ALL ROLL STANDS

Easily upgrades or retrofits
any existing machine

INCREASED SAFETY LEVEL

no more manual interventions and loads
handling for the changing of the cages



MINIMUM MAINTENANCE
can be cleaned directly on roll stand

CONTINUOUS EXPANSION
of the gripping jaws until the reel is engaged

INFINITY SOLUTION

The continuous and automatic expansion of the units doesn't require any manual adjustment and ensures the highest level of operator safety by eliminating any load handling during cage changes.

CONTINUOUS EXPANSION

SAFETY AND PRODUCTIVITY

The Infinity continuous expansion chuck is designed to optimize both safety and productivity: it enables automatic roll locking and core ejection at the end of the cycle, eliminating all manual unloading operations.



PERFECT GRIP TO ANY CORE

NO MORE MANUAL INTERVENTION

Infinity ensures a perfect grip to any core and continuous in operation as it eliminates the needs of manual intervention usually required when using different core diameters.





ANTI-DUST COVER

The Infinity continuous expansion chuck is designed to optimize both safety and productivity.

Infinity features an integrated dust cover that protects internal components, reducing the need for frequent cleaning and ensuring maximum reliability even in dusty environments

INCREASED SAFETY STANDARDS

Infinity allows the safe and easy release of the cores from the roll stand at the end of the cycle, preventing injuries by eliminating the manual intervention for the discharge of rolls.

SAFETY STANDARDS COMPLIANT

Infinity reduces risks for the operator according to the Technical Standards ISO 11228 "Ergonomics Lifting & Carrying" and "Handling of low loads at high frequency".



EASY EJECTION OF CORES FROM THE ROLL STAND

universal pneumatic core chuck

Infinity continuous expansion chuck allows you to work with core diameters from 3" to 6" or 3" to 12" with no needs for adaptor.

This is possible thanks to the revolutionary continuous expansion of the Infinity's gripping units.

Through the air pressure, the expansion units expand and safely stop when the roll is engaged without damaging the roll core, ensuring maximum safety, efficiency, and uninterrupted operation.

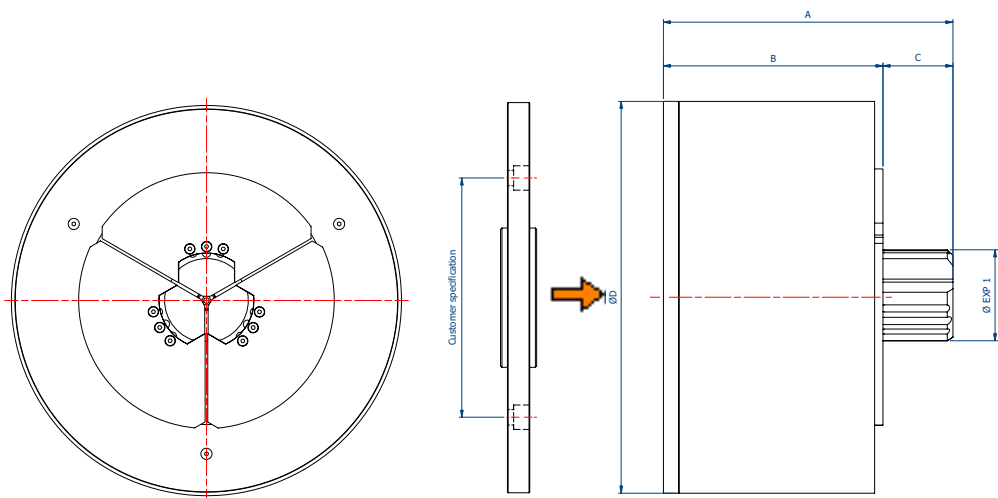
MODELS

CK-CE 3" - 6"

UNIVERSAL PNEUMATIC CORE CHUCK 3" TO 6" CORES



Infinity is the continuous expansion
pneumatic core chuck engineered
to engage cores with diameters
ranging from 3" to 6",
without the use of adapters.
Single core chuck to manage
multiple formats – maximum
efficiency with zero manual
adjustments.



	CK-CE 3" - 6"	
diameter 1	70 ÷ 150 mm	3" ÷ 6"
diameter 2	/	
Ø EXP 1 [mm]	69 ÷ 156 mm	
Ø EXP 2 [mm]	/	
A [mm]	210 mm	
B [mm]	157 mm	
C [mm]	53 mm	
D [mm]	280 mm	
air supply	6 bar	
piston force	≅ 30000 N	
load capacity ESP 1	45000 N	
load capacity ESP 2	/	
torque	4500 Nm	

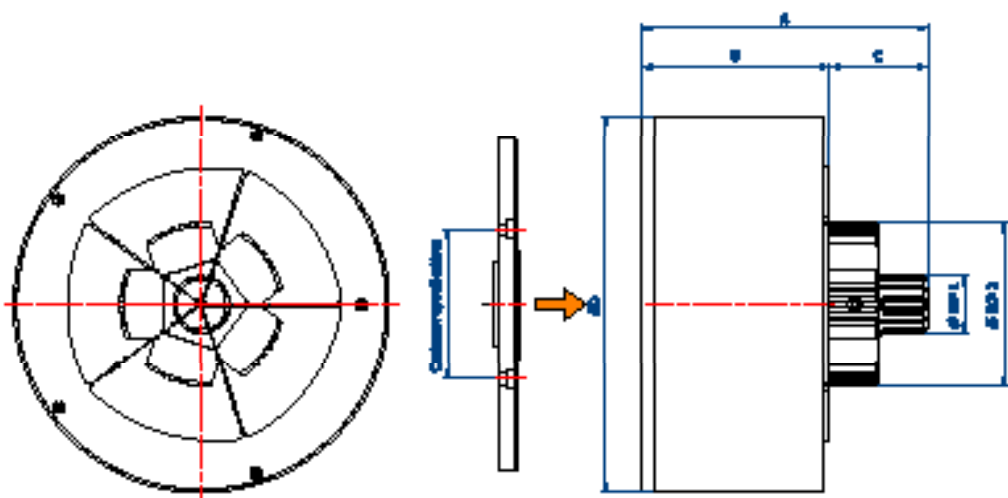


CK-CE 3"- 12"

UNIVERSAL PNEUMATIC CORE CHUCK 3" TO 12" CORES



Infinity CK-CE 3"-12" is the ideal solution for handling roll with large and variable core diameters from 3" up to 12" using a single pneumatic core chuck. Thanks to its continuous expansion technology, Infinity automatically adjusts without adapters or manual settings.



	CK-CE 3" - 12"	
diameter 1	70 ÷ 180 mm	3" ÷ 9"
diameter 2	200 ÷ 300 mm	6" ÷ 12"
Ø EXP 1 [mm]	69 ÷ 189 mm	/
Ø EXP 2 [mm]	198 ÷ 316 mm	/
A [mm]	345 mm	
B [mm]	227 mm	
C [mm]	118 mm	
D [mm]	452 mm	
air supply	6 bar	
piston force	≅ 70000 N	
load capacity ESP 1	25000 N	
load capacity ESP 2	50000 N	
torque	4500 Nm	



we are here to *support* you

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+39 02 27007394



info@renova-srl.com



www.renova-srl.com

APPLICATION





renova srl

viale rimembranze 93
20099 sesto san giovanni
milano - Italy

- +39 0227007394
- info@renova-srl.com
- www.renova-srl.com