

duplex

ROLL EJECTOR CHUCK



ONE OF A KIND REVOLUTIONARY PATENTED TECHNOLOGY

How to always have a perfect grip on any material core?
How to eliminate the paper waste problem?
How to eliminate blocked rolls on roll stands and ensure the highest safety level for the operator and the machine during the roll change?

Listening to the market needs, we were able to build the perfect solution for these problems.

Duplex, roll ejector chuck, reduces risks for the operator according to the Technical Standards ISO 11228 Ergonomics - Manual Handling, and obtained the international patent for its unique and revolutionary technology.

NO MORE SLIP GRIP

Duplex does not damage cores and always ensures a perfect grip from the first phase of work.

ZERO END-OF-ROLL WASTE

by avoiding core slippage and preventing the lateral damage of the roll, Duplex eliminates paper waste.

FITS ALL ROLL STANDS

Duplex is ideal for roll stands without an ejection system or with the OEM original ejector system.

NO MORE JAMMED ROLLS

automated ejection of every dimension roll always guaranteed, even in the case of damaged cores.

HIGHER SAFETY LEVEL

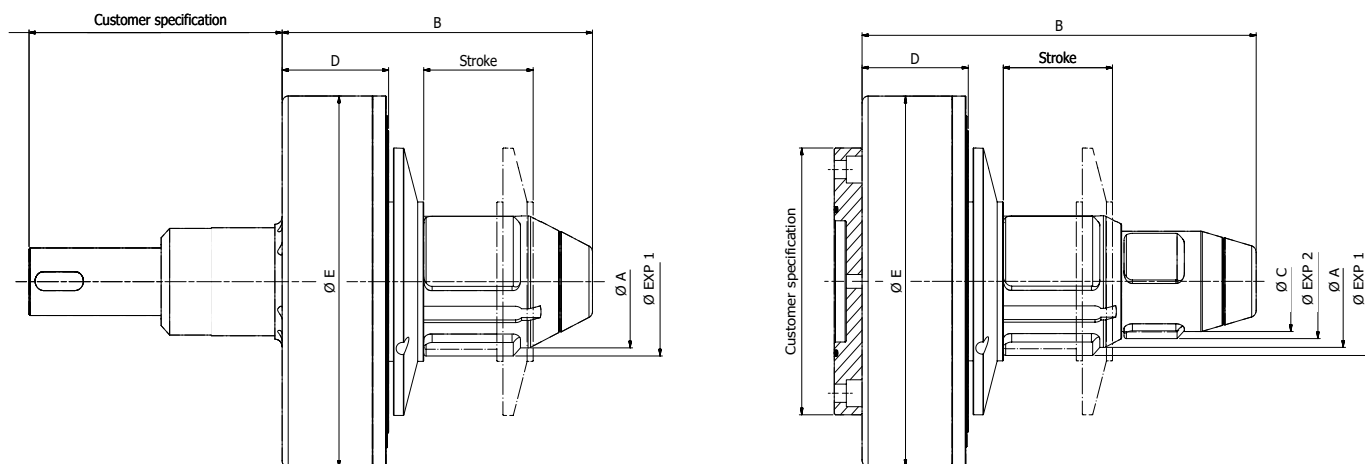
Duplex eliminates the manual intervention with levers or other tools for the discharge of blocked rolls.

100% CUSTOMIZABLE

all models are customizable according to the customer requirements.

DUPLEX

Duplex combines the high quality of Renova's mechanical torque chuck (single or double diameter) with a pneumatic telescopic piston. It can be equipped with mounting flange or shaft and provided with rotary joint.



	CHUCK DIMENSIONS
core diameter	min 70 mm - max 5"
A [mm]	min 69,5 - max 125
C [mm] (*)	min 69.5 - max 74.5
Ø EXP 1	min 70÷79 -max 126÷136
Ø EXP 2 (*)	min 70÷79 - max 76.2÷86.2
B [mm]	min 190 - max 360
D [mm]	69 - 88
E [mm]	275
	CHUCK PERFORMANCE
load capacity [N]	18000 - 45000
torque [Nm]	1150 - 2500
	PNEUMATIC CYLINDER
air supply	6 bar
first piston thrust force	20000 N
second piston thrust force	10000 N
stroke	50 - 85 mm

(*only in double diameter version)