

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?

We listen to the market needs and, because of this, we are able to build the perfect match.

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

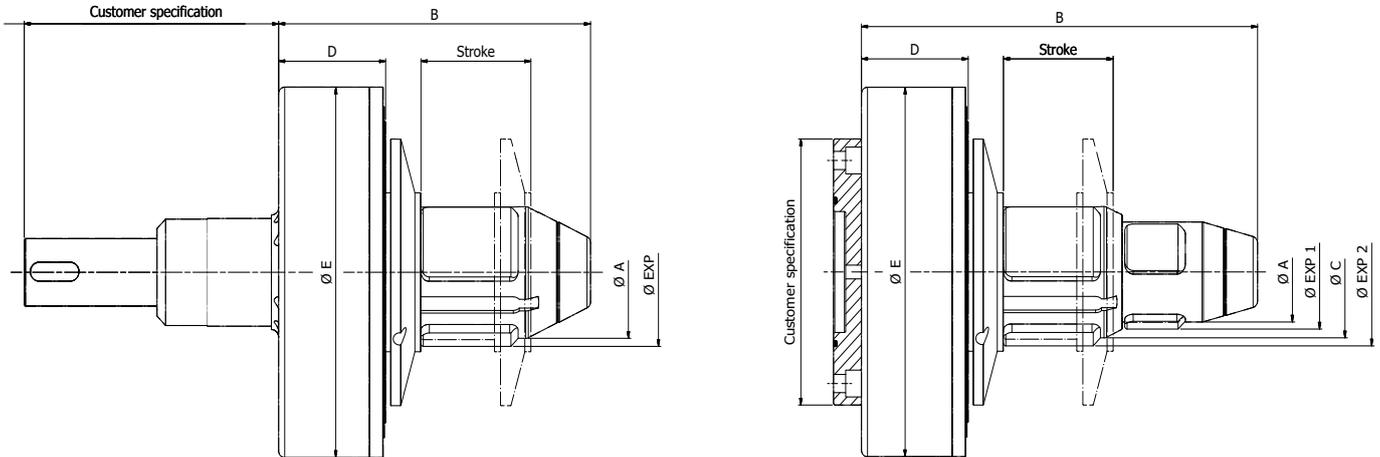
Duplex eliminates the manual intervention with levers or other tools for the discharge of blocked rolls

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	70 mm	75 mm	3"	100 mm	4"	120 mm	5"
A [mm]	69,5	74,5	74,5	98	98	118	125
Ø EXP 1	70÷79	75÷85	76,2÷86,2	100÷110	101,6÷111,6	119÷129	126÷136
Ø EXP 2	-	-	-	100÷110	101,6÷111,6	119÷129	126÷136
B [mm]	min 190 - max 360						
D [mm]	69 - 88						
E [mm]	275						
CHUCK PERFORMANCE							
chuck diameter	70 mm - 5"						
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						