

revolution

ENERGY-RECOVERY HYBRID BRAKE



THE REVOLUTION IS HERE: energy-recovery hybrid brake

Revolution's patented design is the combination of a pneumatic brake and a regenerative motor, which operate with hybrid regulation always guaranteeing the required braking performances.

Brake and motor always work together but combining efforts in variable ways over time.

Revolution is 100% Plug & Play as it fits all roll stands with an easy and fast installation and no modifications to the splicer or to the roll stand are required.

TOP PERFORMANCE

The Revolution's motor takes the lead in daily operations while providing great sensitivity as it does not suffer performance drop due to the heat.

MOTORIZED REWIND OF THE ROLL

Eliminates the manual intervention and ensures a higher safety level for the operator according to the Technical Standards ISO 11228.

2KWH PAYBACK PER ROLL STAND

The Revolution's motor recovers the electric energy and allows the plant to instantly benefit from it.

THE MOST ECO-FRIENDLY

The brake works the least, hence the brake pad wear and dust emissions are eliminated.

SPLICING WITHOUT PAPER TEARING

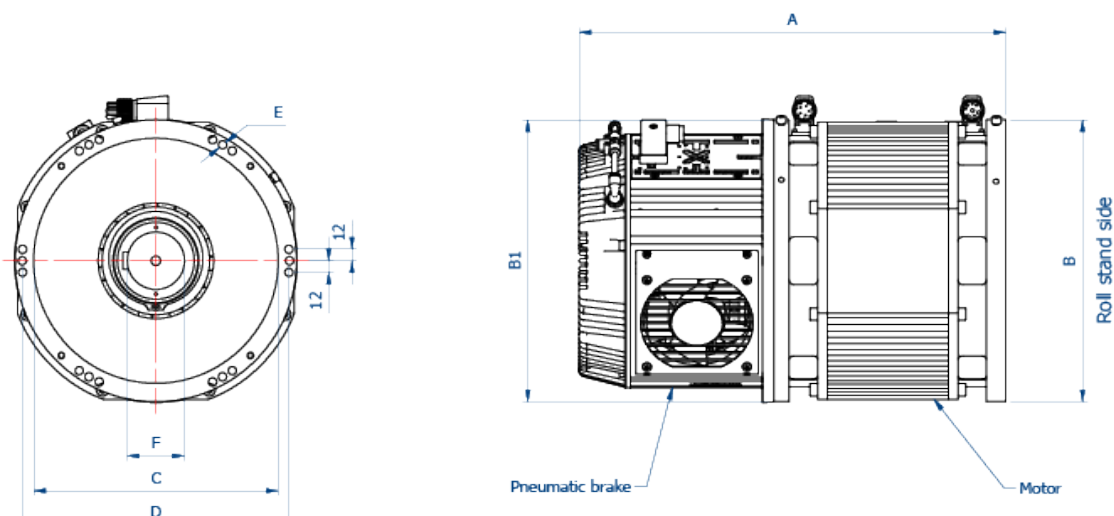
During the braking process, the motor transforms the kinetic energy of the brake, otherwise lost as heat, in electrical energy that can be reused in the plant's electrical line.

INDUSTRY 4.0

Revolution's integrated system enables to establish a direct dialog with production systems in a plant's ERP.

REVOLUTION

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CARDBOARD	RVTX 160.40	RVTX 180.75
A	411	451
B	295	295
B1	295	295
C	256	256
D	280	280
E	8.5	8.5
F max	60	60
connection flange	✓	✓
min torque Nm (0,2 bar)	10	25
max torque Nm (6 bar)	498	866
emergency torque Nm (max 20 sec)	556	924

PAPER	RVTX 240.210
A	479
B	500
B1	340
C	450
D	475
E	12.5
F max	90
connection flange	✓
min torque Nm (0,2 bar)	70
max torque Nm (6 bar)	3350
emergency torque Nm (max 20 sec)	3500