

# EXtreme XT10

all in one brake



Re

# THE STORY ... AND THE FUTURE ...

**70s**

The first industrial brakes were designed with the **MULTIDISC** concept and technology.



**90s**

To compensate for the low efficiency and reliability of multidisc brakes, the **COMBIFLEX** pneumatic caliper brake was developed and went on to becoming the most copied brake in the world.



**TODAY**

To satisfy the requests for an even higher level of efficiency and reliability comes the all new **Extreme**, an innovative pneumatic brake that guarantees unmatched performances.

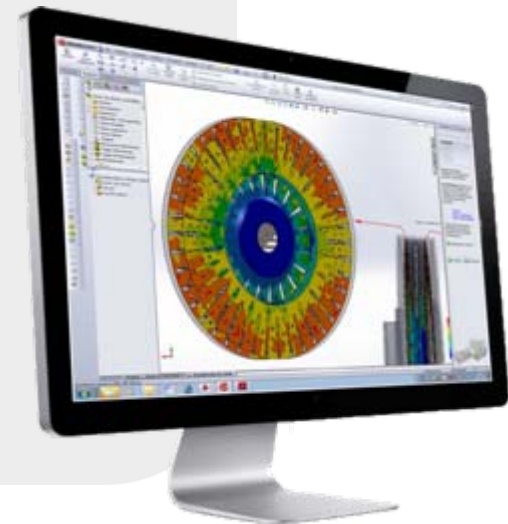
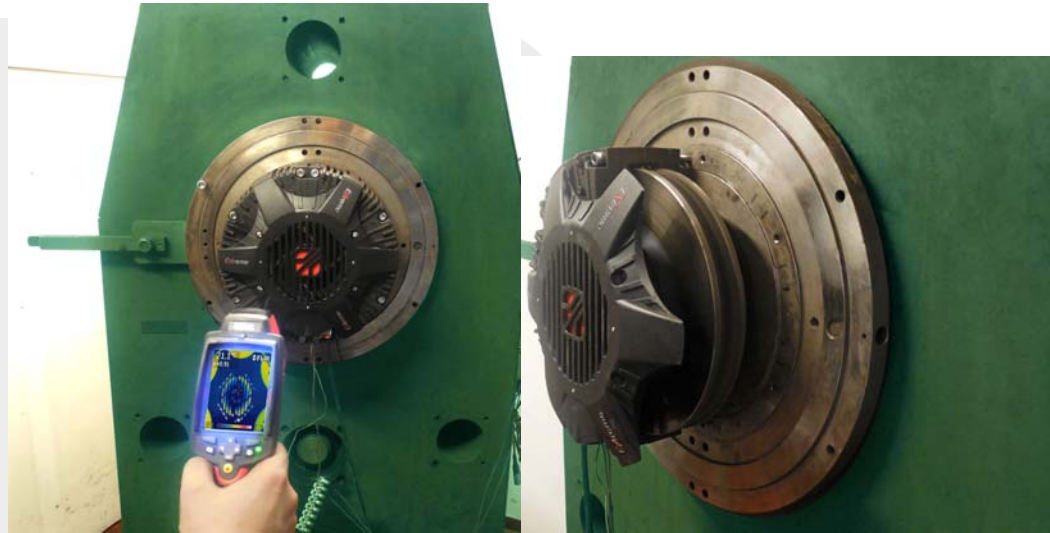


# THE R&D CAN'T BE IMPROVISED ...

**Technicians tested our new EXtreme brake on the test benches.**

**The torque values have been studied using a control made with our load cells and simulating the stress suffered by brakes on unwinders.**

**The study of the disc temperatures were evaluated by our technicians using the latest software and instrumentation.**



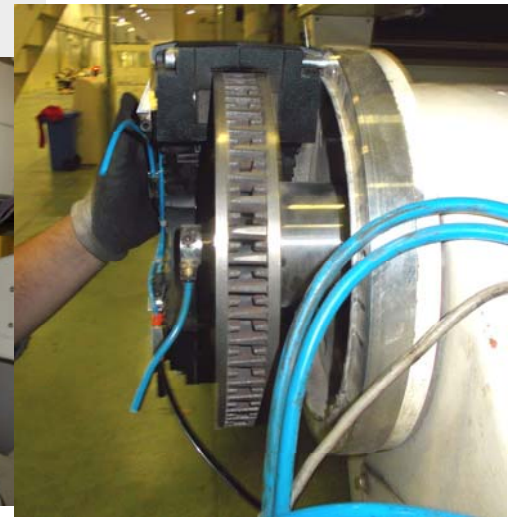


# THE R&D CAN'T BE IMPROVISED ...

**Materials and treatments of all brake parts were designed and evaluated to guarantee the highest performance while respecting the environment and the health of the operators.**



**Brakes installed during the test phase on some customers' machines have been checked periodically to guarantee the declared reliability.**



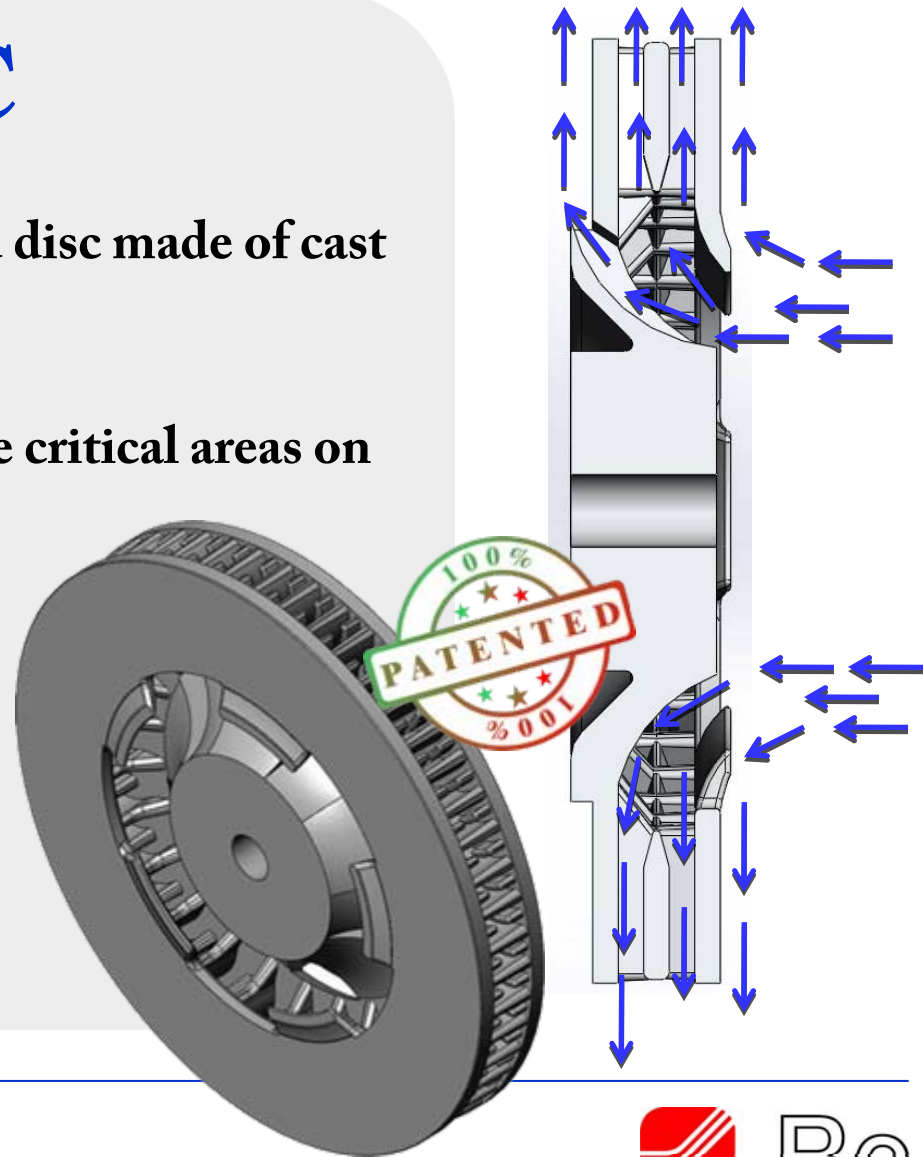
## ... THE PERFORMANCES ARE NOT RANDOM ...

- ✓ 1500 Nm of braking torque
- ✓ 6 Kw of dissipable heat
- ✓ 300 mm of diameter
- ✓ 140 mm thickness
- ✓ 7 years of pads life span
- ✓ minimal maintenance costs
- ✓ respect for the working environment



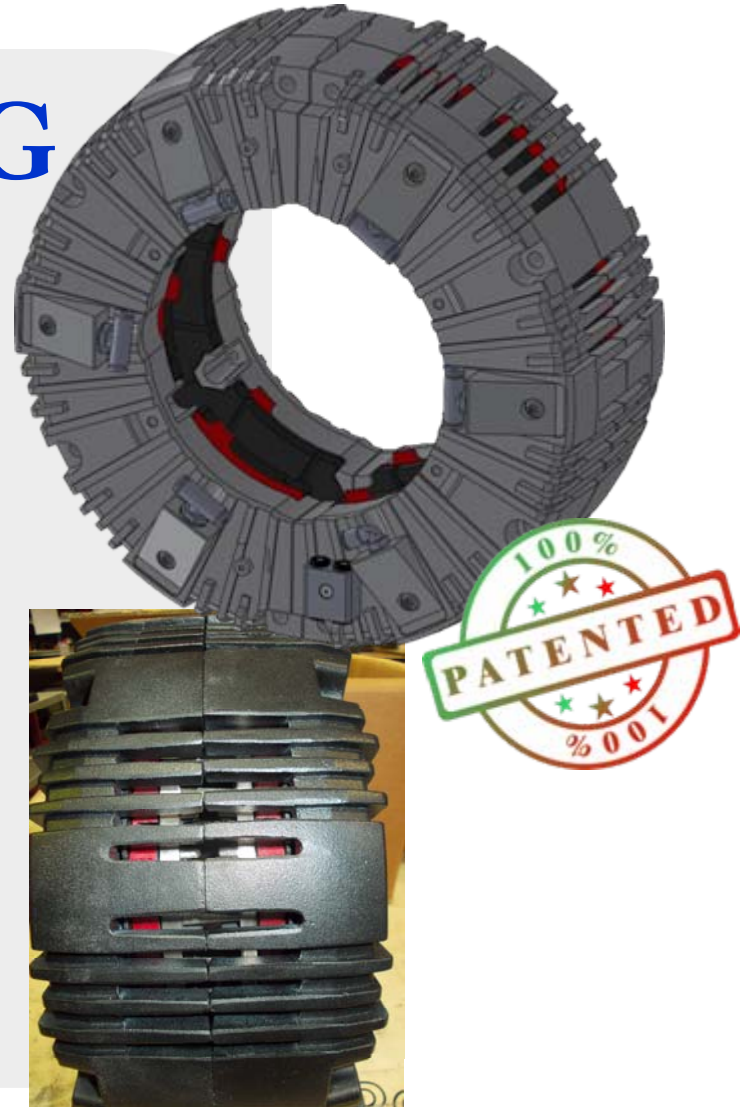
## THE DISC

- ✓ latest generation self ventilated disc made of cast iron
- ✓ guarantees a high cooling of the critical areas on the brake
- ✓ canalized flow
- ✓ lightweight and compact
- ✓ designed in cooperation with the best Italian Universities



# THE HOUSING

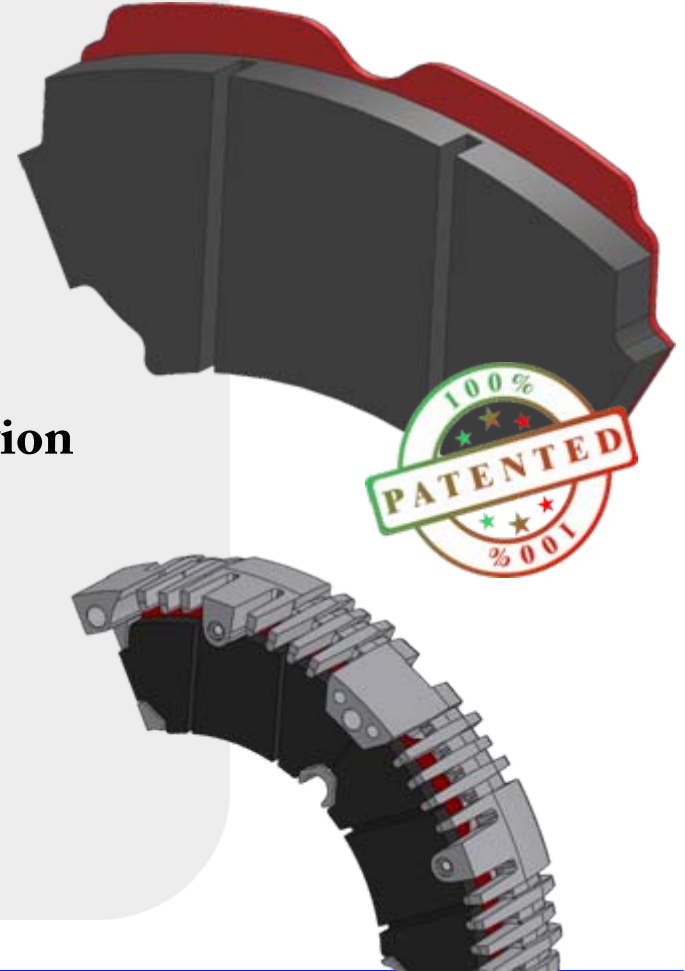
- ✓ innovative design, lightweight and compact size
- ✓ just 4 aluminium semi-housing
- ✓ the lateral splits facilitate the pads control
- ✓ each semi-housing includes 3 piston cases



## THE PAD

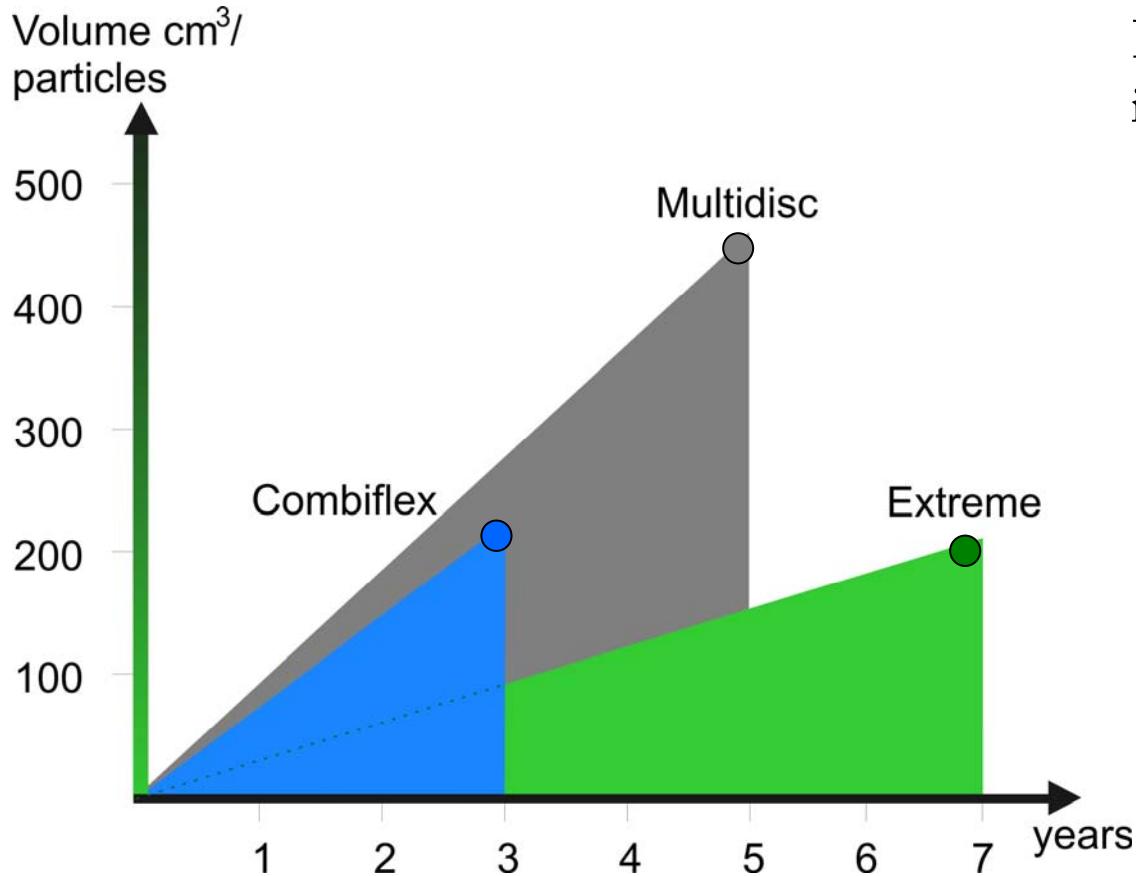
- ✓ guaranteed asbestos free
- ✓ quick and easy coupling with magnets
- ✓ uniform wear of the sliding surface
- ✓ high and **real** life span, without substitution  
up to 28.000 hours of production\*

\*(250 days x 16 h x 7 years = 28.000 h); average  
obtained testing 8 production plants





# THE LIFE SPAN...AND THE CONSUMPTION...



Particles and gas scattered in the working environment:



**Multidisc**  
459 cm<sup>3</sup>



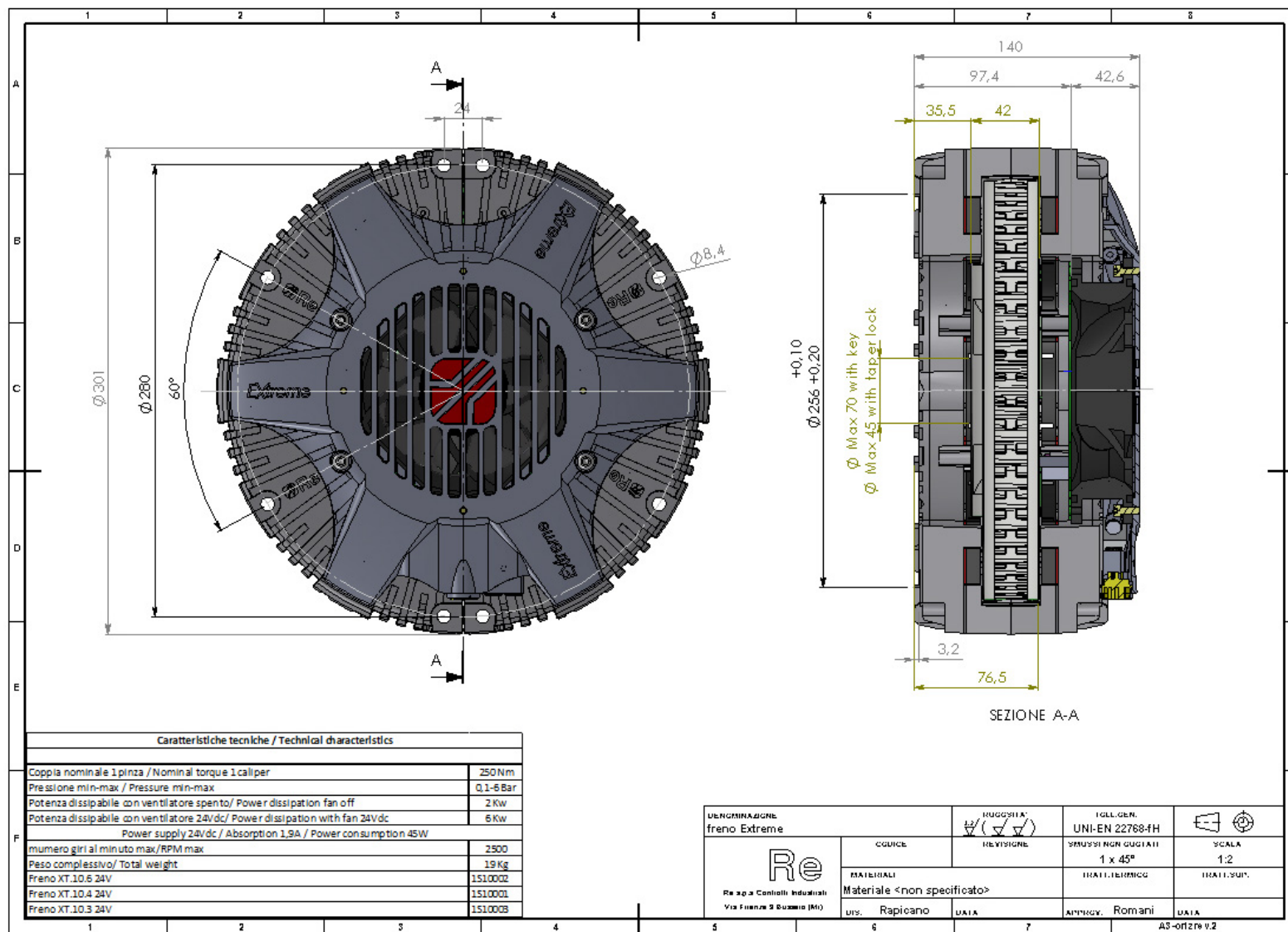
**Combiflex**  
230 cm<sup>3</sup>



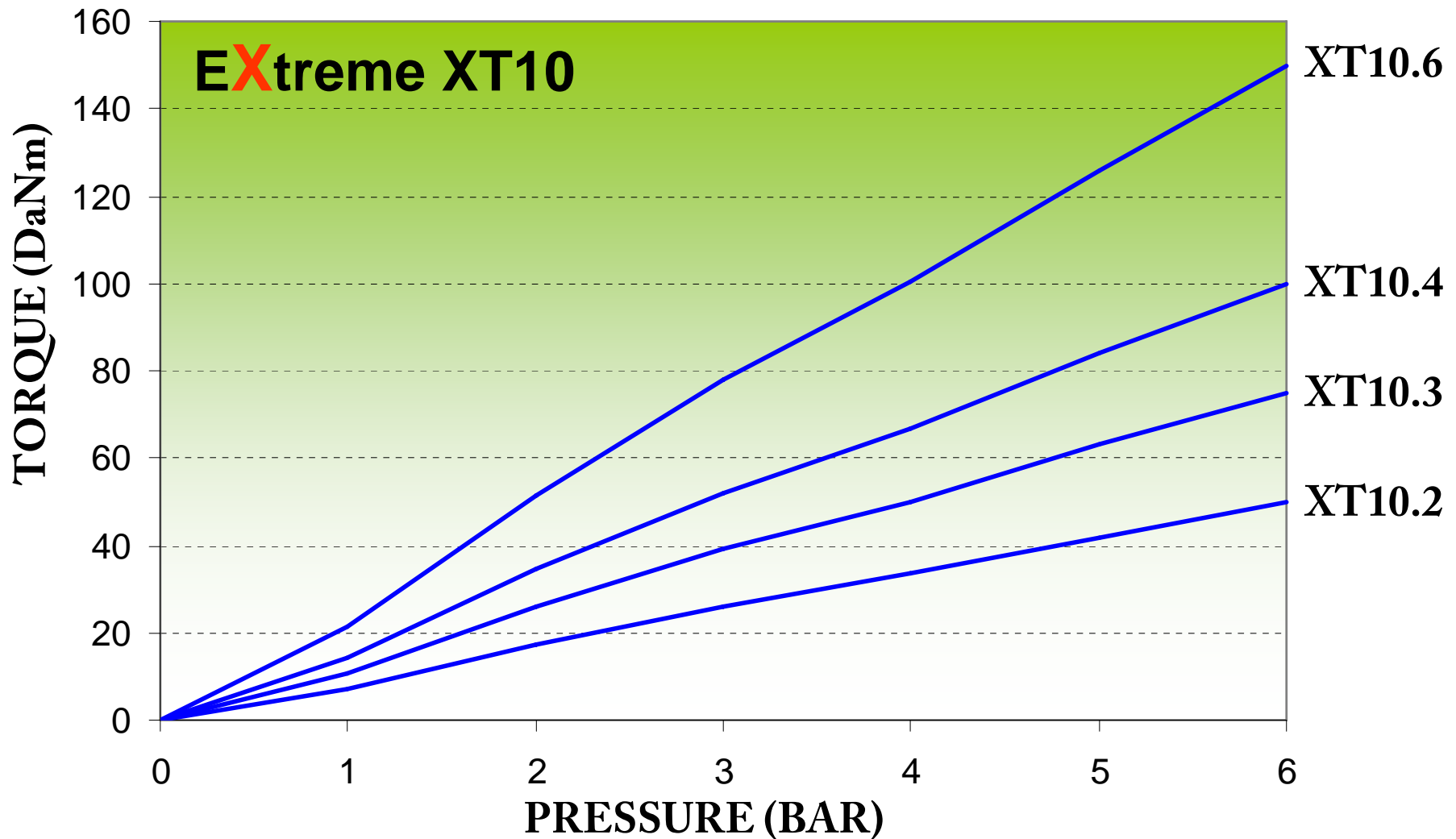
**EXtreme**  
201 cm<sup>3</sup>

**EXtreme** = CONSUME LESS and  
RESPECT THE ENVIRONMENT

# DIMENSIONS ...



# THE TORQUE ...



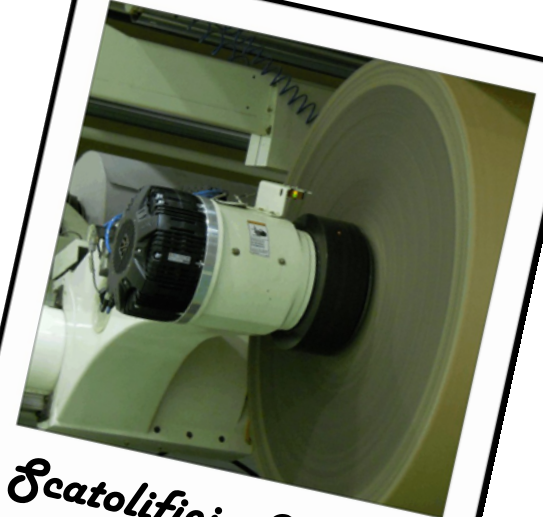
# APPLICATIONS



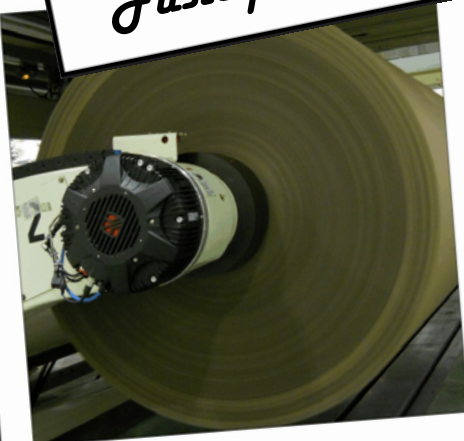
*Fustelpack group*



*Laveggia group*



*Scatolificio Sandra*



*Scatolificio Sandra*

- ✓ COMPACT SIZE
- ✓ EASY TO USE
- ✓ PERFORMANCE
- ✓ INNOVATIVE

this is

**Extreme!**



*Fustelpack group*





# Re



*One Company...1000 solutions!*

m a d e   i n   I t a l y

