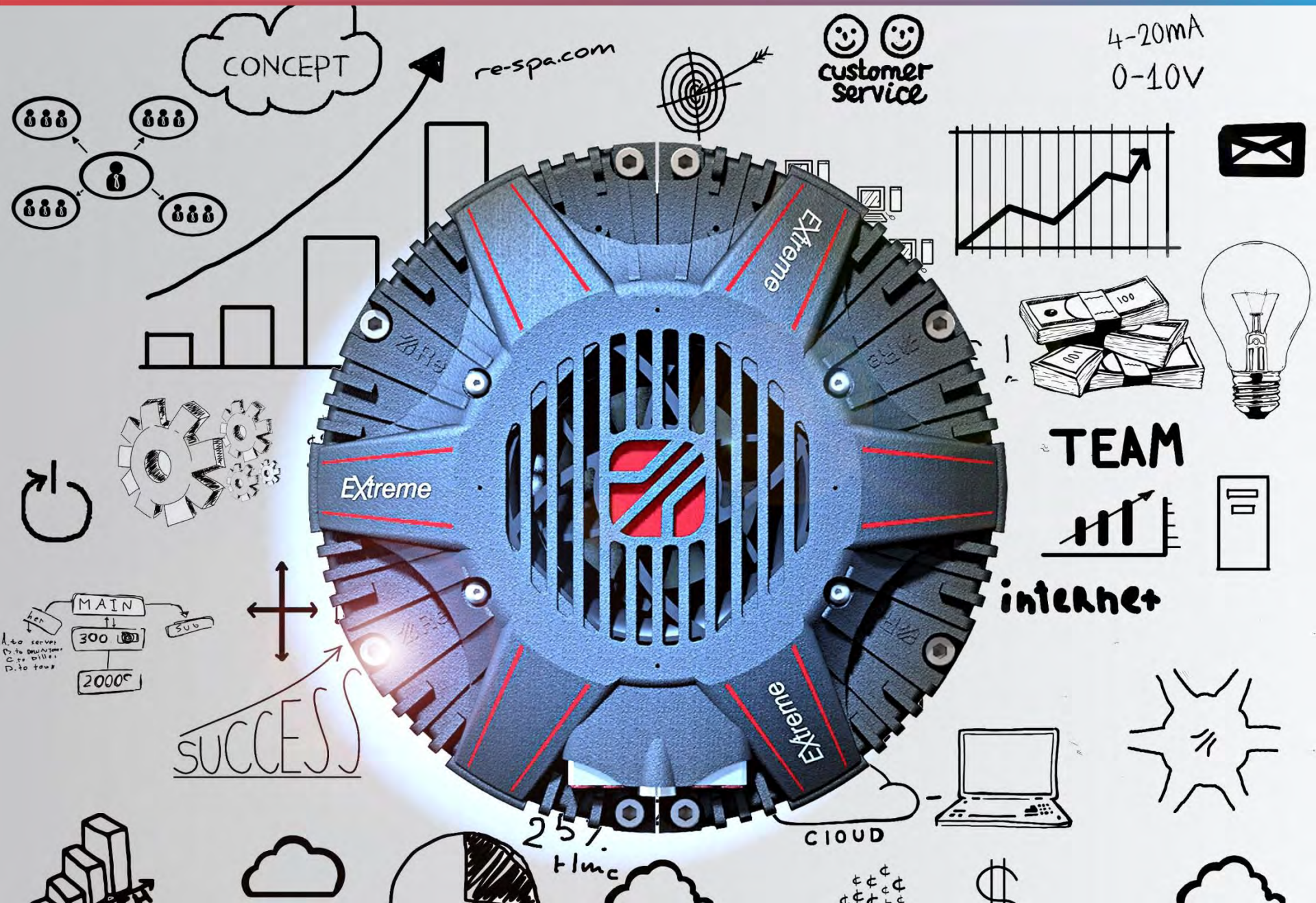
5 good reasons to choose brakes

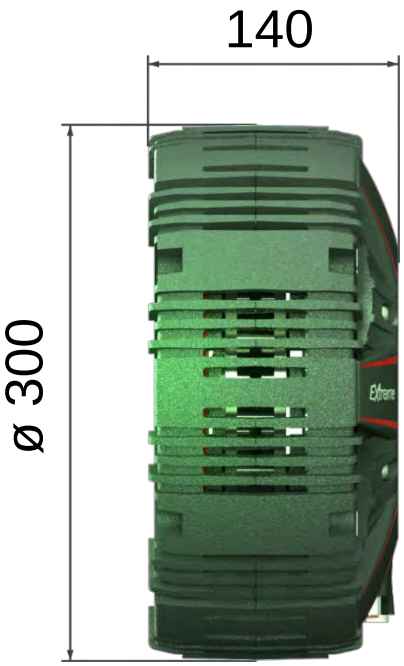


It seems that a brakes is an easy and insignificant component inside a machine, but behind a brake there are in-depth studies that have allowed us to become the world leader designing a product with unmatched features:

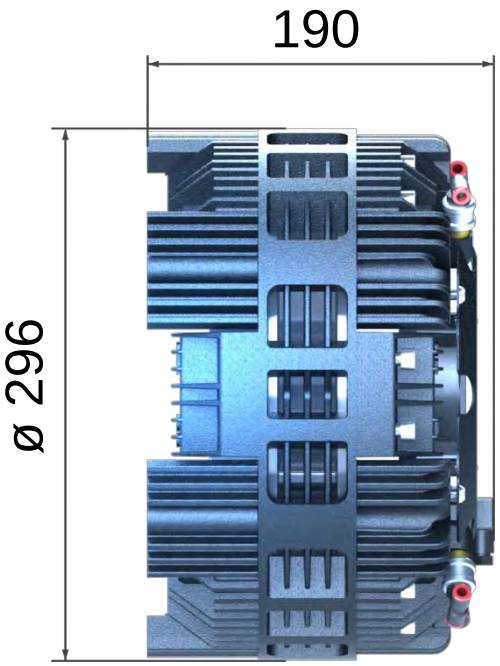
Very high **performances**
Repeatable performance during the entire life cycle
Reduced materials **wear**
Respect for the working environment

Re brakes have been studied to guarantee **compact dimensions** without a performance loss.

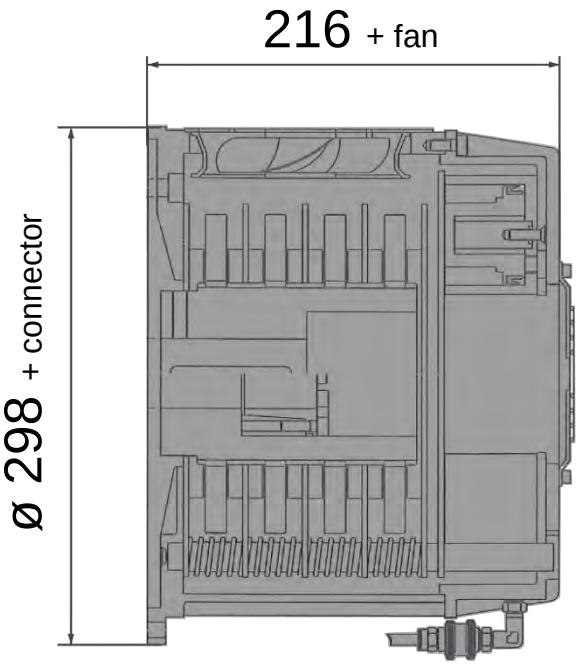
Compared to brakes on the market, Re brakes use a **lower rate of materials**; which means having reached an higher degree of **efficiency**.



EXtreme



Combiflex



Multidisc

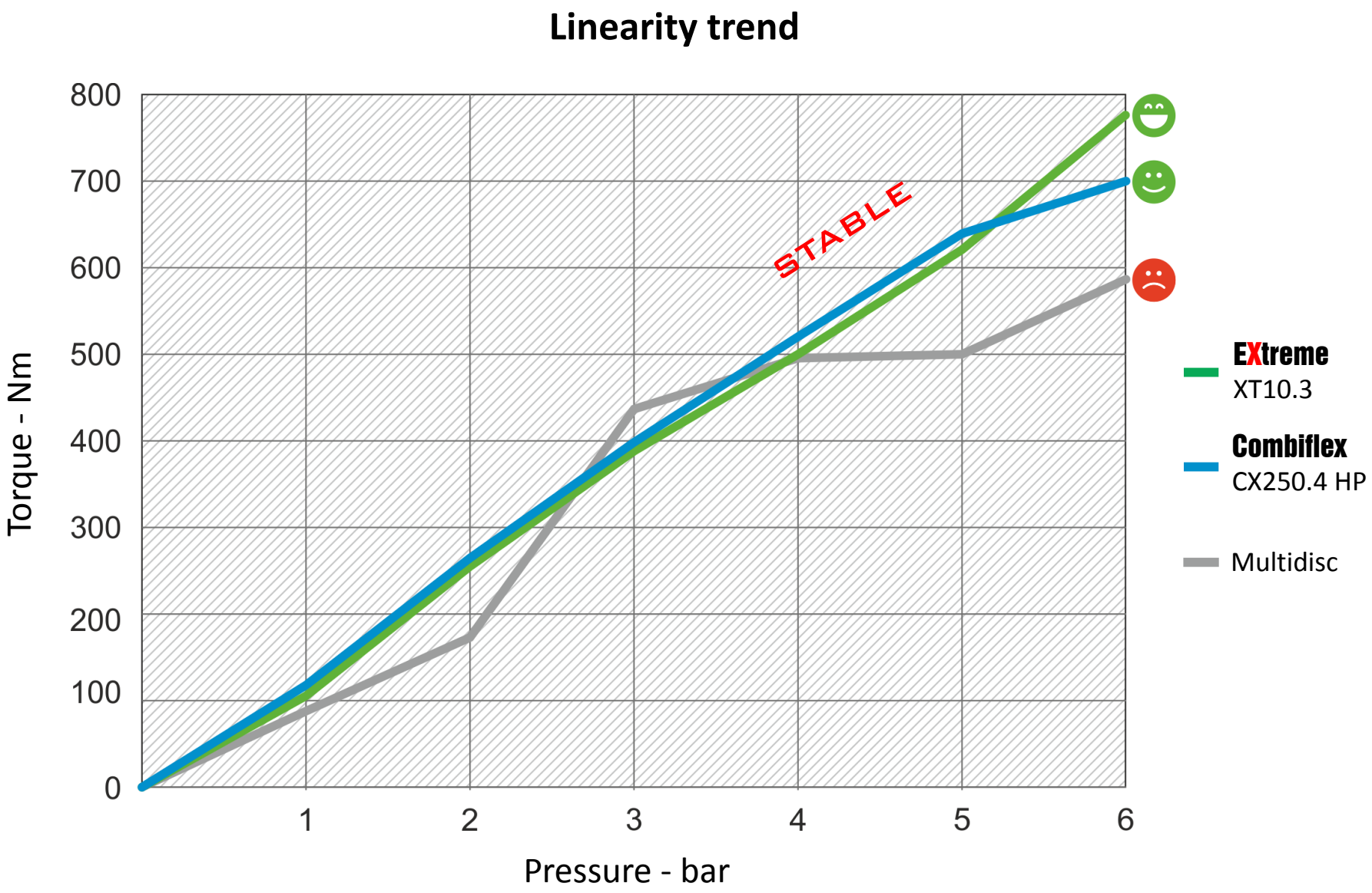
2. PERFORMANCE

Performances of Re brakes are **certified by stricted test** made during the whole lifecycle of the product.

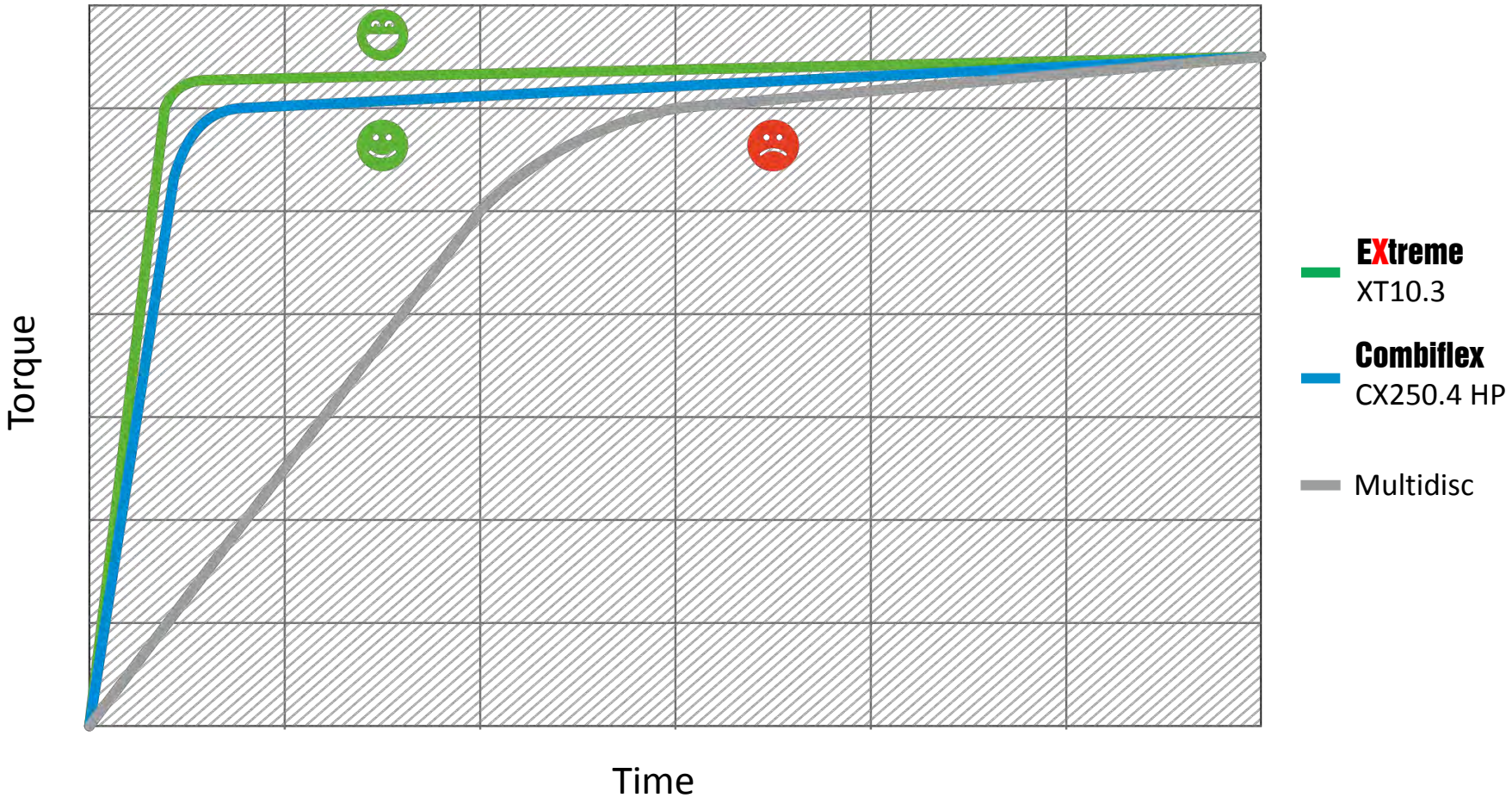
The **reaction time** is the **fastest and most constant** available on the market.

Compared to other brakes, the **torque** of Re brakes is the most **constant, stable and linear** over time also varying the working temperature.

Thanks to all these features, Re brakes guarantee a more **stable tension** on your machines.


Linearity trend
Torque - Nm
800
700
600
500
400
300
200
100
0
1
2
3
4
5
6
Pressure - bar
STABLE
EXtreme
XT10.3
Combiflex
CX250.4 HP
Multidisc

Reaction time trend



3. ENVIRONMENT RESPECT

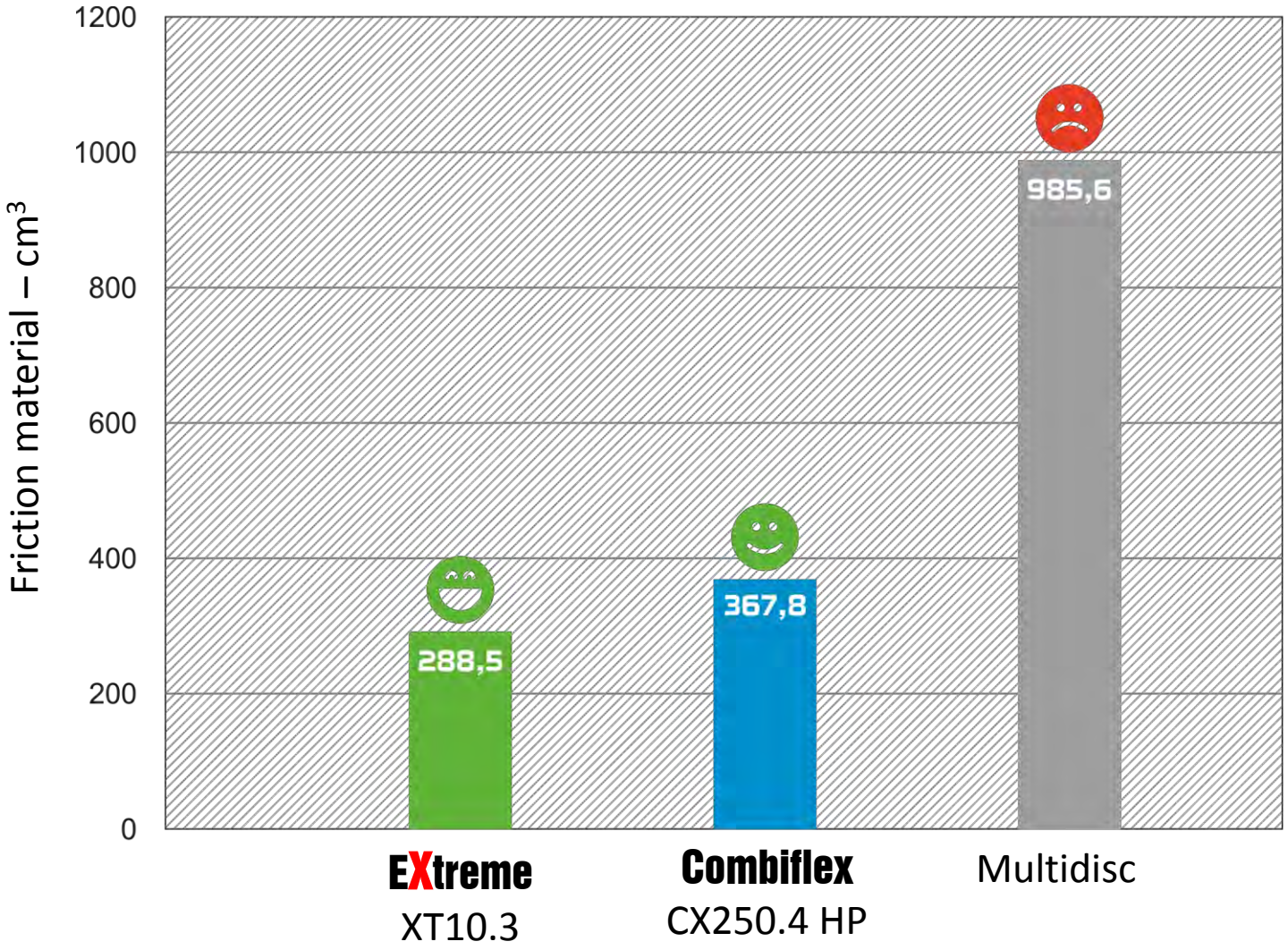
If considered an equal duration, Re brakes wear out a minor quantity of friction material, this means that they spread in the working environment a

minor quantity of dust pollution

safeguarding the operators' health.

Today, in fact, our brakes are considered the **most ecological** on the market.

Quantity of friction material spread in the environment in 10 years



* All data are certified by tests made with brakes with an equal torque

Less parts, more efficiency, more reliability, less costs.

Three key points for developing our brakes:

1. More **reliability** and **efficiency** with less parts
2. Less parts = less **consumption** of raw materials = more **ecology**
3. Less consumption = less **costs**

4. + EFFICIENCY … - COSTS

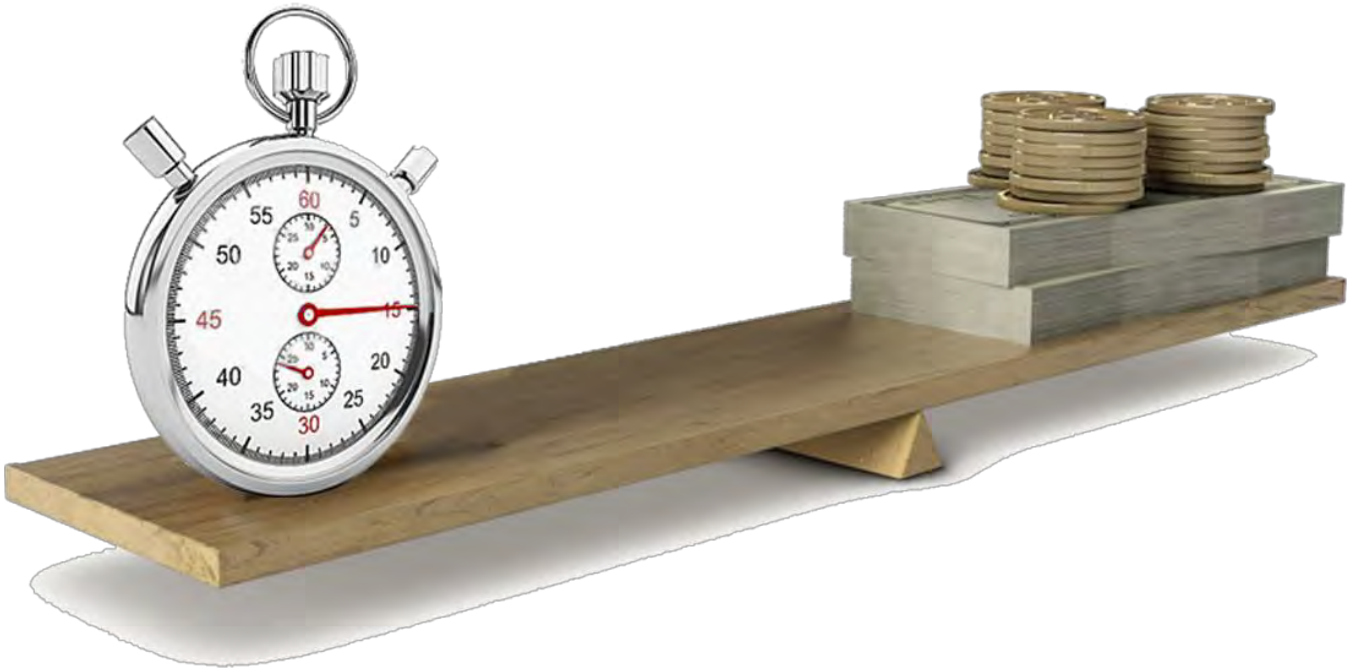
The table consider a projection on a life cycle of 10 years.

	n. pads	Volume of friction material	Pads life cycle	Volume of friction material in 10 years	Maintenance time (minutes)	
EXtreme XT10.3	12**	201,94 cm^3	7 years	288,5 cm^3	10’	
Combiflex CX250.4 HP	24**	110,4 cm^3	3 years	367,8 cm^3	10’	
Multidisc	64*	492,8 cm^3	5 years	985,6 cm^3	35’	

*to change also all springs and lower fan; to verify pistons’ seals, disc thickness and sliding hub
** to verify pistons’ seals and disc thickness

Less parts, more reliability, less costs.

Having less parts inside a brake means also a reduction of the maintenance cost and also en extremely easy management of the brakes during its whole lifecycle.



Behind a small component as a brake is, there's a technology
that has been developing from more than **40 years**
And a team of people who works to guarantee the best product
not only in terms of performance but also in terms of respect for the working environment.

We give you the best technology …
You contribute to safeguard our world.