



**YOUR COFFEE  
EXPERIENCE**



**Technical flyer**

**ATOM EXCELLENCE 75**

**EX 75**

# 1. Core features

**New cutting edge motor**  
developped for intense workloads

**Dedicated 75 mm Flat Burrs**  
designed to optimize coffee outflow

**100% solid inox fork**  
conceived for an infinite number of shots &  
adaptable to any kind of filter-older (even naked)

**New full metal body**  
to ensure unparallel stability and resistance.

## **Touch Display supporting TFT technology**

- Customizable grinding activation
- 3 programmable doses + manual mode
- Extra Dose mode

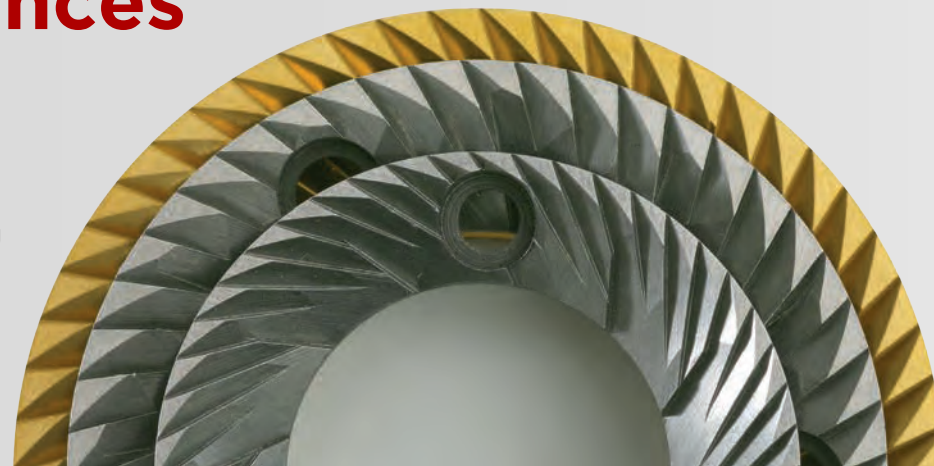
- Password system
- 9 languages Interface
- High-resolution display, extremely sensitive

# 2. Grinding performances

- a. Grinding capacity\*:** 4 - 6 g/s
- b. Rush Hour Consumption\*\*:** up to 2 kg
- c. Average Daily Consumption:** 4,5 - 5,5 Kg
- d. Dose Stability:** The dose variance during grinding is +/- 0.2 g

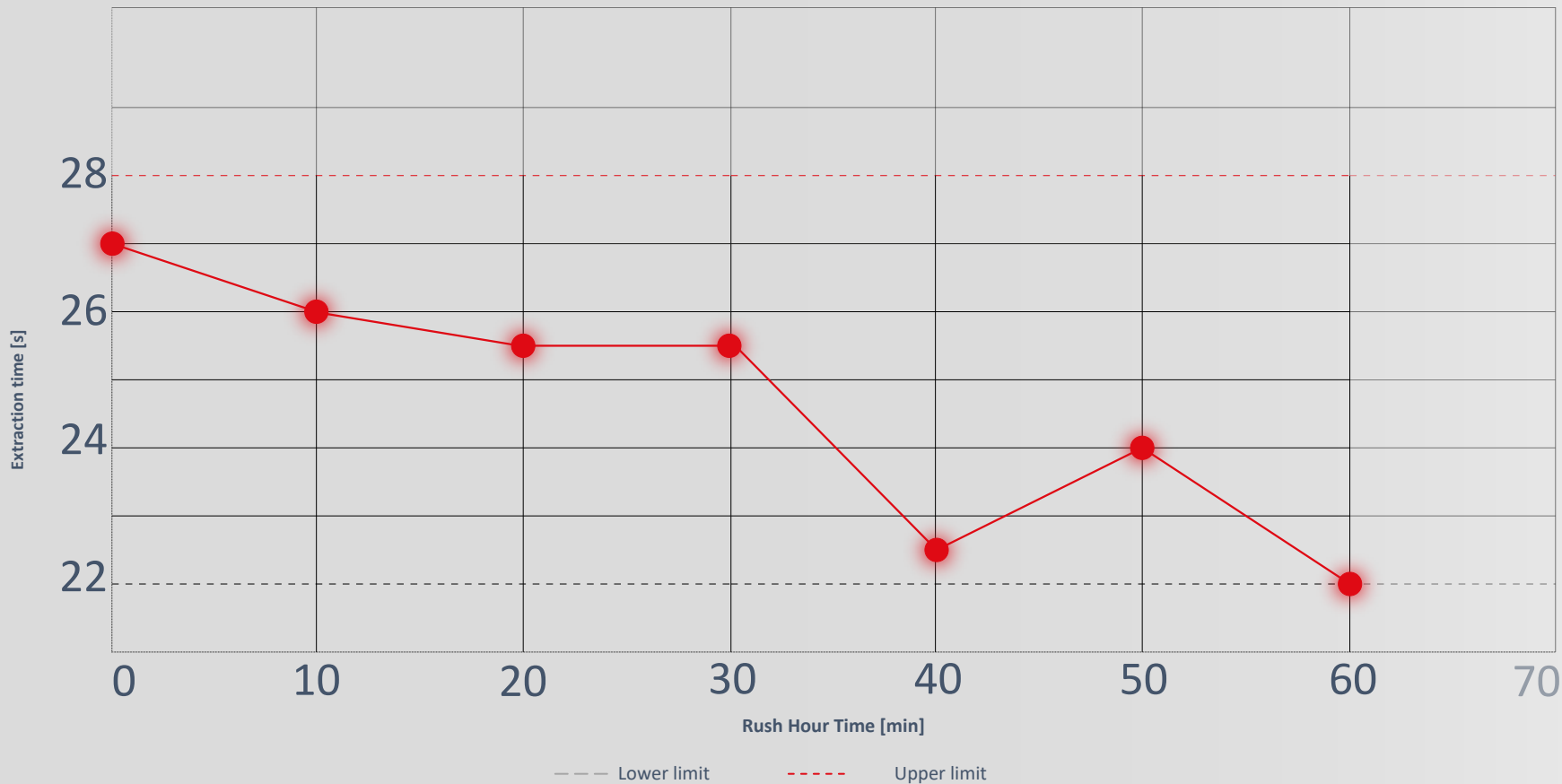
\* Grinding capacity depends on the type of coffee, the roasting process and the particles size (more ore less fine)

\*\*The value for the rush hour cycle is estimated by grinding a double dose (equal to 18 grams) every 30 seconds.



## 2. Grinding performances

e. Espresso extraction time is stable within 22-28s during the rush hour consumption\* (2kg)



Laboratory tests have shown a constant espresso extraction time during peak usage revealing a stable grind setting.

\*Laboratory tests were performed: grinding 18 gr every 30 sec.

\*\*The value for the rush hour cycle is estimated by grinding a double dose (equal to 18 grams) every 30 seconds.

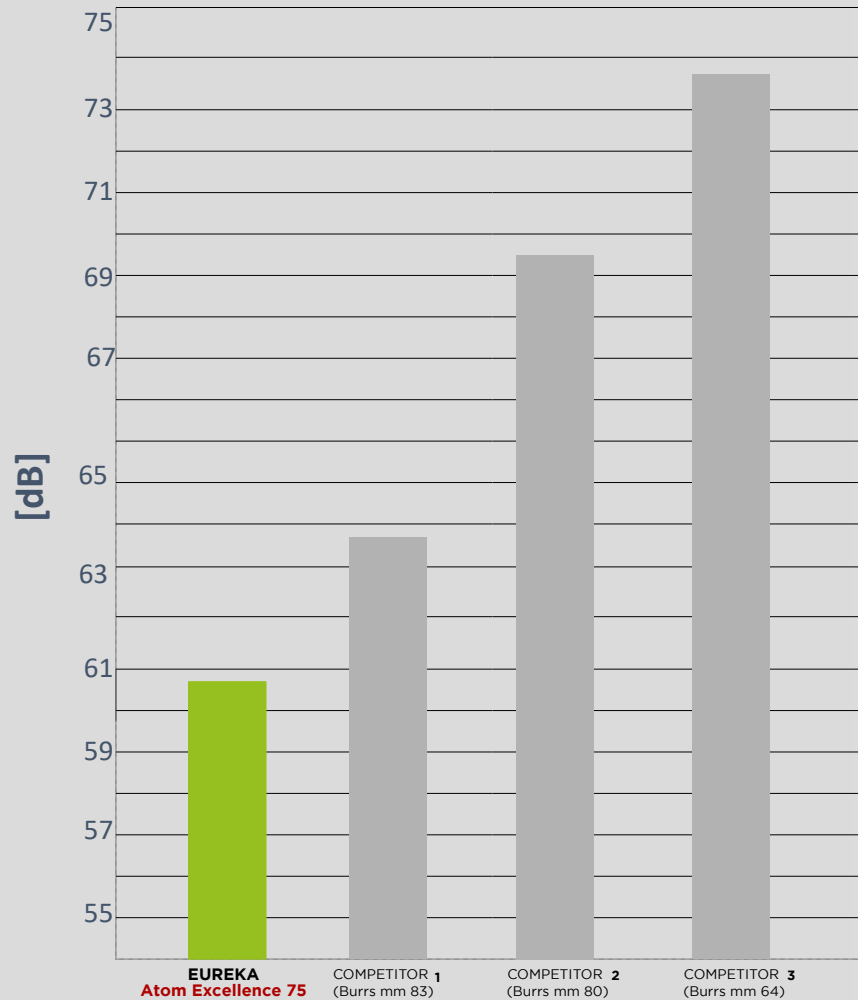


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## 2. Grinding performances

f. The most silent professional grinder on the market.



Comparison among grinders defined as using "Silent technology" on the market.



**dB Range\***

Leaves rustling,  
soft music,  
whisper

30

Normal  
conversation,  
background  
music

60

Valum  
cleaner,  
average  
radio

75

80

89

Average  
home noise

Office noise,  
inside car  
at 60 mph

Heavy traffic  
window air conditioner



Atom Excellence 75 makes possible to have a conversation while the barista is grinding, being the most quiet one on the market with its **60.6 dB** recorded by a specialized external lab.

\*Sound Pressure Level (Lp) is a measure of the intensity of sound in decibels (dB) and it quantifies the loudness of a sound.



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# 3. Opt for Top

Upgrade Atom Excellence75 with patented diamond inside Burrs (as optional):

Ø 75mm Black Diamond

Ø 75mm Pure Diamond

## Diamond Inside means superior grind consistency

**Patented process of thermal cryogenic treatment** which allows to obtain greater wear resistance and preserve the grind setting longer than any other burrs type.



PUREDIAMOND



BLACKDIAMOND

**PROCESS**

Cryogenic Treatment

DLC Black + Cryogenic Treatment

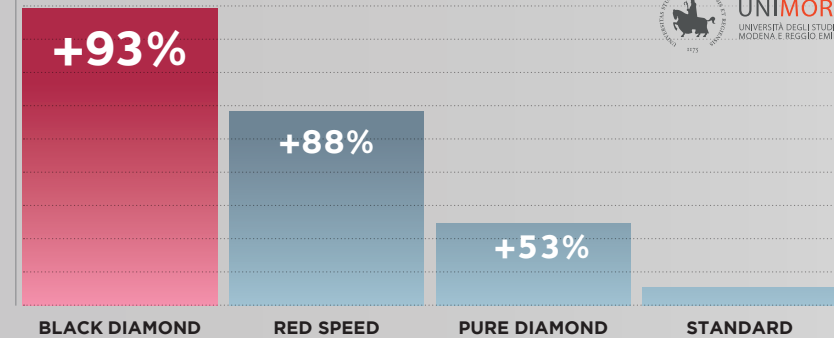
## Diamond Inside results in superior lifetime

**Burrs durability**

Ø 75mm Pure Diamond: 1.300 Kg

Ø 75mm Black Diamond: 3.000 Kg

WR\*



\*Comparative analysis of the wear rate of different burrs types with equal conditions



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## 4. Main Accessory Under-the-grinder automatic tamper for Atom

Optimise counter space. Be faster and consistent.  
Protect your arm.

- a. Set your tamping profile, choosing:**
  - / Tamping range from 10 to 30 kg.
  - / Single or double tamping profile.
- b. Automatic recognition of portafilter**, to grant high tamping speed (0.9 sec) and safety operations (metallic reader senso).
- c. Universal fork**, easily adjustable in height.
- d. Clean mode**: actionable directly by display.
- e. Available disk diameters**: 53, 54.3, 57, 58mm\*



\*Standard configuration is available in 58 mm. 53 / 54,3 / 57 mm available as spare parts. \*\*Cleaning kit included:

- Allen spanner for quick disassembly of the pressing disc.
- Brush for polish hard-to-reach places.



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**Conti Valerio Srl**  
via Luigi Longo, 39/41  
50019 Sesto Fiorentino (FI) Italy  
tel. +39 055 420011  
fax +39 055 420010

info@eureka.co.it  
www.eureka.co.it