

# Key Performance Indicators of Forge Tronic press



AUTOMAZIONI INDUSTRIALI S.p.A.

**FORGE TRONIC**

**Real data**

## PRODUCTIVITY



**OEE = 84%**

**CYCLE TIME:**

average time decreased by  
**45,25%**

**PRODUCTIVITY:**

increased by **+ 82%**

## USABILITY



**PROCESS:**

100% repeatable  
and controlled

**SETUP TIMES:**

- 50% , only 30 min.

**WASTE TIME:**

reduced by 50%

## SAVINGS



**PRODUCTION COST PER PIECE:**

decreased by 20%

**LIFETIME OF DIES:**

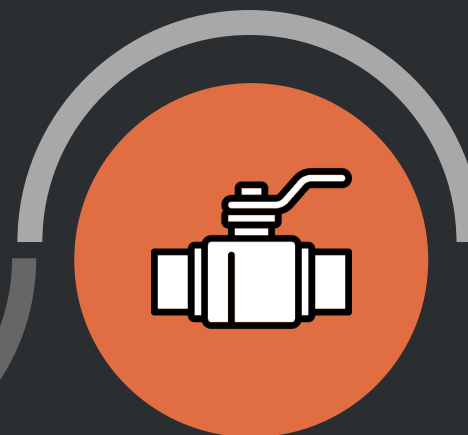
3 times higher

**POWER CONSUMPTION:**

VT: 20 kW

FT: 30 kW

## FINAL PRODUCT



**RAW MATERIAL:**

**4%** of material saved  
with burrs

**9%** of material saved  
without burrs

**REJECT RATIO:**

switched from 1,5% to 0,4%