

# It's all about UPH

## The Exatron Philosophy

Exatron began operation in May of 1974. We have developed a personal philosophy regarding our customers and products. We provide hard working, well made, reasonably priced equipment designed to match our customers' varying applications. Our customers enjoy the widest variety of system configurations possible. Exatron is totally committed to supporting our older products while staying abreast of current and new technologies.



## Worldwide Support

Exatron products are sold and serviced worldwide



## Excellent Documentation

Download a full color 500 page manual anytime!



## More Information?

Request a DVD of the entire Exatron product line  
[info@exatron.com](mailto:info@exatron.com)

Exatron excels in the art of building custom machines for any application. Our designs, machining, assembly, software, documentation and service are all done under one roof, here in the U.S.A.



CE Mark Available



All Exatron products are RoHS Compliant



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*Building Beyond Your Expectations*



# When it comes to productivity... It's all about UPH.

PT = Programming Time per unit (in seconds)  
UPH = Units Per Hour throughput (with indicated programming times)

## 12 sec PT & 1800 UPH

- Moves 2 parts at a time
- 12 programming sites
- 20 and 8 pin SOIC
- Tape & Reel Input
- Tape & Reel output
- Pin 1 in tape pocket vision
- 1 JEDEC tray output
- Small foot print



## 15 sec PT & 4000 UPH

- Moves 7 parts at a time
- 14 programming sites
- 7x7 QFN
- 2 JEDEC trays input
- 2 JEDEC trays output
- Laser marker
- Bottom side pin 1 vision



## 128 sec PT & 900 UPH

- Moves 1 part at a time
- 32 programming sites
- Large pin count BGA
- 2 JEDEC trays input
- 3 JEDEC trays output
- Small foot print



## 30 sec PT & 2400 UPH

- Moves 8 parts at a time
- 32 programming sites
- 8 additional verify sites
- 20 pin TSOP, 5x6 QFN, and 3x3 QFN
- Tape & Reel Input
- Tape & Reel output
- 1 4" waffle pack output
- 6 buckets output
- Plastic tube output upgrade
- Laser marker
- Top side mark inspection
- Bottom side 2D bent pin inspection ready
- In tape pocket pin 1 vision



This machine has the unique ability to output programmed, laser marked, independently verified, and top/bottom inspected SERIALIZED devices in 100% perfect serialized order. No missing numbers, no out of order numbers, no double numbers, no empty tape pockets. Even with a 1% fail rate, there is no UPH hit. This handler maintains the correct serialized device order while expediting the remaking of replacement parts that may fail at programming, either top or bottom side inspection, or fail at the independent verify site.

## 180 sec PT & 2400 UPH

- Moves 16 parts at a time
- 128 programming sites
- Large pin count BGA
- 40 JEDEC tray input stacker
- 4, 40 JEDEC tray output stackers
- Laser marker ready
- Based on Exatron Model 8000-5 Production Handlers



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