

## “Highly Versatile”

The **OTW VersaHone Horizontal** honing machines provide the flexibility, value, and ease of use ideal for those who process a broad range of parts.

### [ Standard Features ]

- Programmable Automatic Tool Expansion System
- Universal Chain-type Fixturing System
- Tool Support Rest
- 1.25” Diameter Hardened Steel Ways
- Touchscreen PLC Operator Controls
- Part Program Storage
- Magnetic Filtration System

### [ Options ]

- Large Selection of Vitrified & Metalbond Abrasives
- 2M or 4.5M Stroke Lengths
- Special Electrical System Options
- Paper Media Coolant Filtration System
- CE Certification



**For more information call:  
419.281.3700**

### Ohio Tool Works, LLC

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Phone: 419.281.3700 | Fax: 419.281.3707



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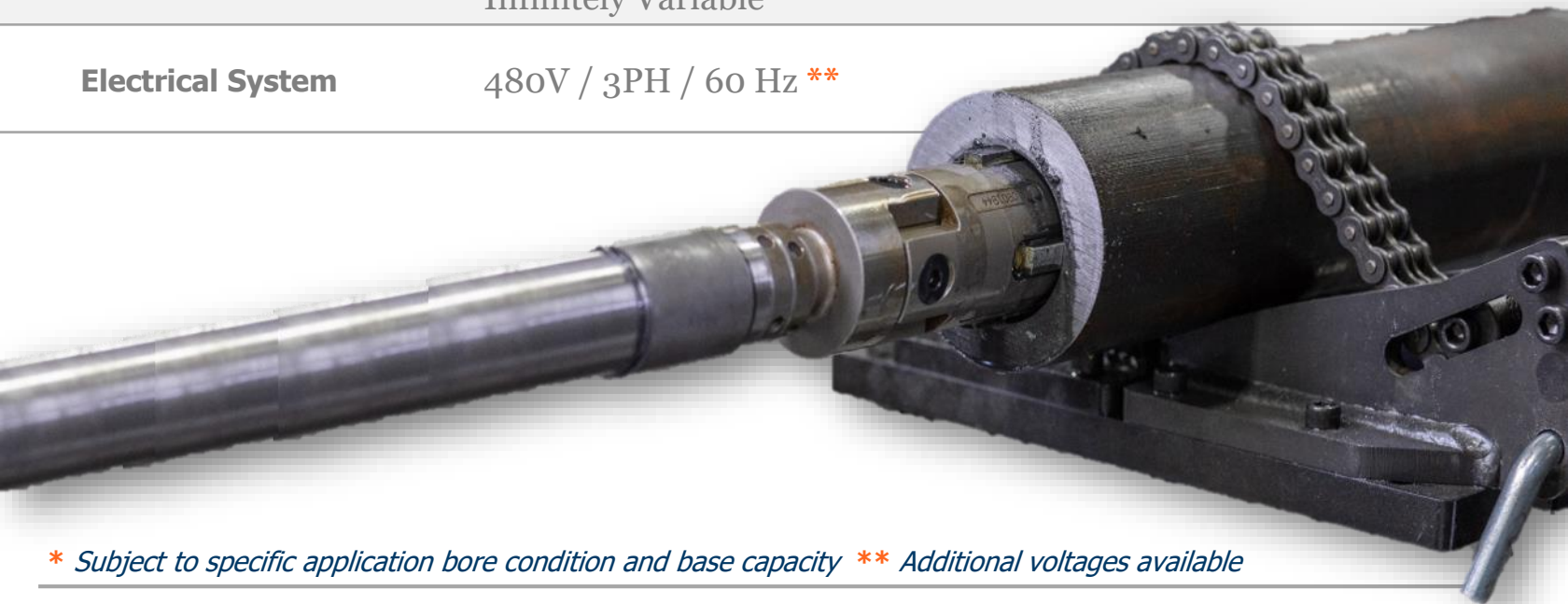
## Capacities/Technical Specifications

### [ OTW- VersaHone Horizontal ]

<b>I.D. Capacity</b>	1.98- 22 inches (50-560 mm) *
<b>O.D. Capacity</b>	24 inches (610 mm) max
<b>Stroke Capacities</b>	6.5' (2 M) 13.0' (4M)
<b>Stroke Power</b>	2.0 HP (1.5 KW)
<b>Spindle Drive</b>	5.0 HP (3,7 KW)
<b>Spindle Speeds</b>	20-300 RPM Infinitely Variable
<b>Stroke Rate</b>	5-90 FPM (1,5-27,4 M/MIN) Infinitely Variable
<b>Electrical System</b>	480V / 3PH / 60 Hz **

### Turnkey Solutions

Please ask about OTW's complete line of tooling, abrasives & consumables.



\* Subject to specific application bore condition and base capacity \*\* Additional voltages available

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## “Maximum Productivity”

The **OTW – PowerHone Horizontal** honing system is OTW’s heavy duty hone. Offered with two power drive options – full servo (Standard) and full hydraulic (XL) and with multiple fixturing and system options, it can process parts from 1.50” (38 mm) up to 24.0” (610 mm) and is available in lengths up to 72” (1.8 M).

### [ Standard Features ]

- Automatic Tool Expansion w/ Load Sensing
- Universal Part Holding Fixtures
- Stationary Driveshaft Support w/ Lift
- 3.0” Diameter Hardened Steel Ways
- 6.25” Diameter Flanged Spindle
- Touch Screen Operator Controls
- Auto Dwell/Short-stroke
- Part Program Storage
- Driveshaft Indexing Feature

### [ Options ]

- Two choices of power drive systems
- Wide Selection of Fixturing Options
  - Remote Connectivity for Online Support & Monitoring
  - IIoT Ready w/ Full Data Collection Capability
  - Coolant Filtration and Refrigeration Options



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# Capacities/Technical Specifications

	[ Standard (Servo) ]	[ XL (Hydraulic) ]
<b>I.D. Capacity</b>	1.50" – 22.0" (38-560 mm) *	1.50" – 24.0" (38-610 mm) *
<b>O.D. Capacity</b>	24.0" (610 mm)	26.0" (660 mm)
<b>Stroke Capacities</b>	Up to 45' (14M)	Up to 56' (17M)
<b>Stroke Power</b>	11 kW Servo	25.0 HP Hydraulic
<b>Spindle Drive</b>	Up to 30 kW Servo *	50.0 HP Hydraulic
<b>Spindle Speeds</b>	Packages from 10 - 2500 RPM Infinitely Variable	
<b>Stroke Rate</b>	1-100 FPM (0,3 – 30,5 M/MIN) Infinitely Variable	
<b>Electrical System</b>	480V / 3PH / 60 Hz**	
<b>Typical Industries Served</b>	Raw Materials Defense Plastics Hydraulics Energy	

**Turnkey Solutions**

Please ask about OTW's complete line of tooling, abrasives & consumables.

\* Subject to specific application bore condition and base capacity \*\* Additional voltages available



## “Simple and Precise”

The OTW – PowerHone horizontal honing system is OTW’s production duty hone. Offered with multiple fixturing and system options, it can process parts from 0.500” (12 mm) up to 22” (559 mm) and is available in lengths up to 26’ (8 M).

### [ Standard Features ]

- Automatic Tool Expansion w/ Load Sensing
- Universal Part Holding Fixtures
- Stationary Driveshaft Support
- 1.5” Diameter Hardened Steel Ways
- 2.0” Diameter Bayonet Spindle
- Touch Screen Operator Controls
- Auto Dwell/Short-stroke
- Part Program Storage
- Driveshaft Indexing Feature

### [ Options ]

- IIoT Ready w/ Full Data Capability
  - Remote Connectivity for Online Support and Monitoring
  - Coolant Filtration System
- Small Bore Processing Options



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# Capacities/Technical Specifications

## [ Standard Equipment ]

**I.D. Capacity** .500" - 22" (12-560 mm) \*

**O.D. Capacity** 23.0" (584 mm)

**Stroke Capacities**  
 6.6' (2 M)  
 13' (4 M)  
 20' (6 M)  
 26' (8 M)

**Stroke Power** 11 kW servo

**Spindle Drive** Up to 20 kW servo \*

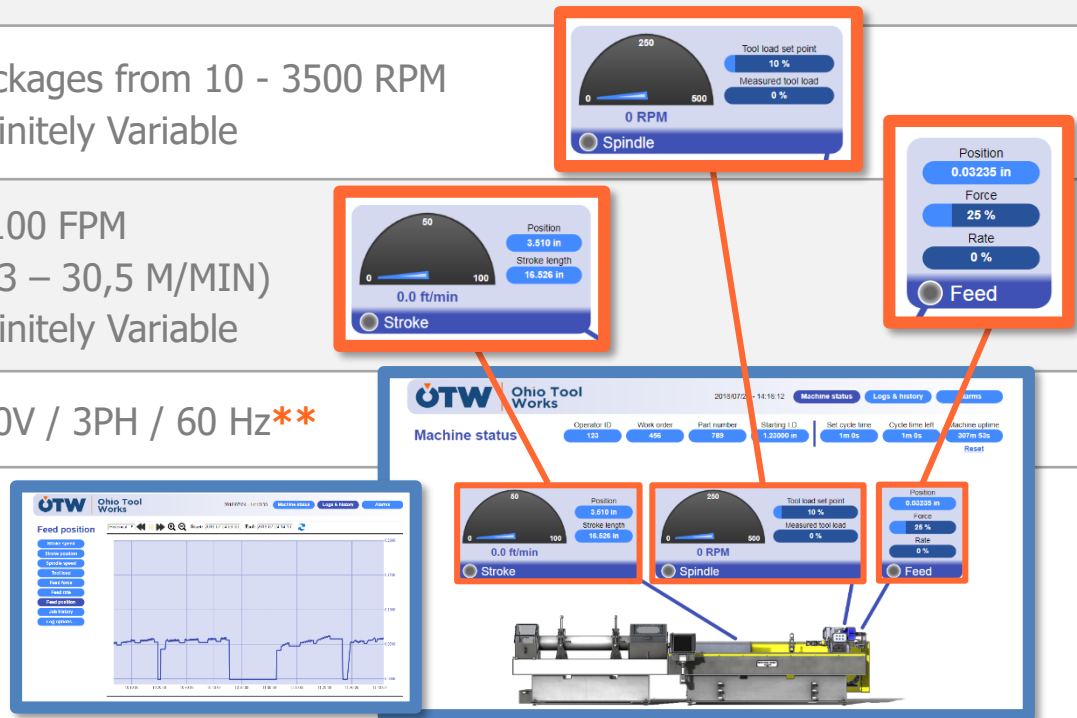
**Spindle Speeds** Packages from 10 - 3500 RPM  
 Infinitely Variable

**Stroke Rate** 1-100 FPM  
 (0,3 – 30,5 M/MIN)  
 Infinitely Variable

**Electrical System** 480V / 3PH / 60 Hz\*\*

### Turnkey Solutions

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## “Highly Versatile”

The **OTW VersaHone Vertical** honing machines provide the flexibility, value, and ease of use ideal for those who process a broad range of parts.

### [ Standard Features ]

- Programmable Automatic Tool Expansion System
- Precision Handwheel Control
- Profile Linear Ways
- Touchscreen PLC Operator Controls
- Part Program Storage
- Full Servo Control
- Ball Screw Reciprocation

### [ Options ]

- IIoT Ready w/ Full Data Capability
- Remote Connectivity for Online Support and Monitoring
- Single or Multi-Spindle Configurations
- Universal Fixture or Indexing Table
- Coolant Filtration System



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# Capacities/Technical Specifications

## [ OTW- VersaHone Vertical ]

**I.D. Capacity** 0.25" – 6.0" (6.35 - 152 mm)

**O.D. Capacity** 8.0" (200 mm)

**Stroke Capacities**  
12.0" (305 mm)  
24.0" (610 mm)  
36.0" (915 mm)

**Stroke Power** 5.5 kW

**Spindle Drive** Up to 10 kW \*

**Spindle Speeds** Packages from 10 - 3500 RPM  
Infinitely Variable

**Stroke Rate** 5-90 FPM  
(1,5-27,4 M/MIN)  
Infinitely Variable

**Electrical System** 480V / 3PH / 60 Hz \*\*

### Turnkey Solutions

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## “Maximum Productivity”

The **OTW – PowerHone Vertical** honing system is OTW’s heavy duty hone. Offered with two power drive options – full servo (Standard) and full hydraulic (XL) and with multiple fixturing and system options, it can process parts from 1.50” (38 mm) up to 24.0” (610 mm) and is available in lengths up to 72” (1.8 M).

### [ Standard Features ]

- Single and Two-Stage Tool Expansion with Load Sensing
- Automatic Size Control Options
- Median Size Control System
- Plug Type Sizing
- Completely Self Contained Design
- Touch Screen Operator Controls

### [ Options ]

- Two choices of power drive systems
- Wide Selection of Fixturing Options
  - Remote Connectivity for Online Support & Monitoring
  - IIoT Ready w/ Full Data Collection Capability
  - Coolant Filtration and Refrigeration Options



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## Capacities/Technical Specifications

	[ Standard (Servo) ]	[ XL (Hydraulic) ]
<b>I.D. Capacity</b>	1.50" – 22.0" (38-560 mm) *	1.50" – 24.0" (38-610 mm) *
<b>O.D. Capacity</b>	24.0" (610 mm)	26.0" (660 mm)
<b>Stroke Capacities</b>	Up to 72" (1829mm)	Up to 72" (1829mm)
<b>Stroke Power</b>	11 kW Servo	25.0 HP Hydraulic
<b>Spindle Drive</b>	Up to 30 kW Servo *	50.0 HP Hydraulic
<b>Spindle Speeds</b>	Packages from 10 - 2500 RPM Infinitely Variable	
<b>Stroke Rate</b>	1-100 FPM (0,3 – 30,5 M/MIN) Infinitely Variable	
<b>Electrical System</b>	480V / 3PH / 60 Hz**	
<b>Typical Industries Served</b>	Aerospace Automotive Defense Hydraulics Energy	

### Turnkey Solutions

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## “Simple and Precise”

The **OTW – PowerHone Vertical** honing system is OTW’s production duty hone. Offered with multiple fixturing and system options, it can process parts from 1.50” (38 mm) up to 16.0” (406 mm) and is available in lengths up to 96” (2.4 M).

### [ Standard Features ]

- Full servo control
- Single and Two-Stage Tool Expansion with Load Sensing
- Automatic Size Control Options
- Completely Self-Contained Design
- Touch Screen Operator Controls
- Single & Multiple Spindle Options
- Onboard Integration Options For Automated Part Handling & Gaging Systems

### [ Options ]

- IIoT Ready w/ Full Data Capability
- Remote Connectivity for Online Support and Monitoring
- Coolant Filtration System
- Custom Fixturing



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## Capacities/Technical Specifications

### [ Standard Equipment ]

**I.D. Capacity** .500" - 20" (12-500 mm) \*

**O.D. Capacity** 22.0" (560 mm)

**Stroke Capacities** Up to 96" (2438 mm)

**Stroke Power** 11,0 kW servo

**Spindle Drive** Up to 20 kW \*

**Spindle Speeds** Packages from 10 - 3500 RPM  
Infinitely Variable

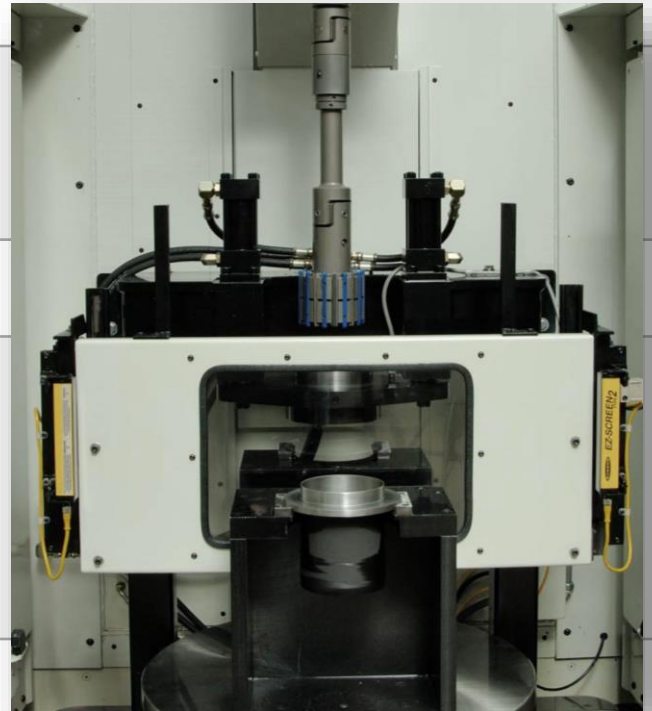
**Stroke Rate** 1-100 FPM  
(0,3 – 30,5 M/MIN)  
Infinitely Variable

**Electrical System** 480V / 3PH / 60 Hz\*\*

**Typical Industries Served**  
Aerospace  
Automotive  
Defense  
Hydraulics  
Energy

### Turnkey Solutions

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