

## Clamshell Lathe

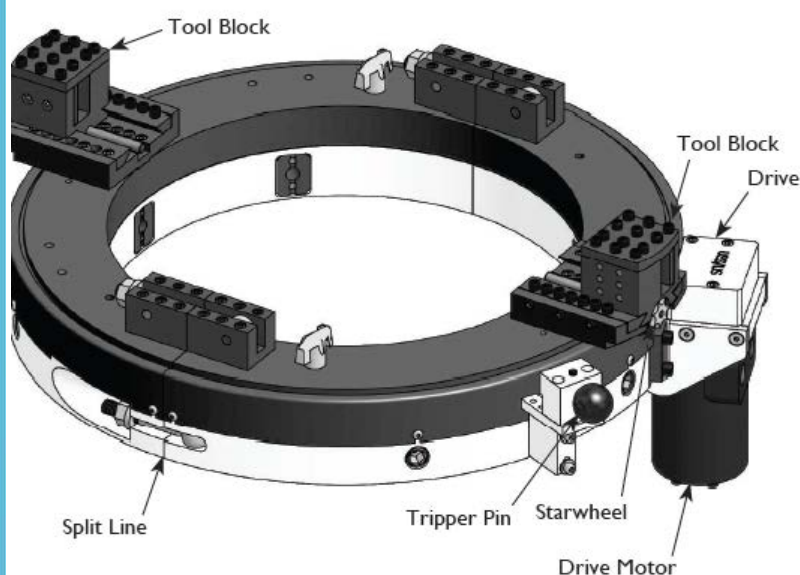
### Portable Machining Solutions



Mactech Europe offer portable pipe cutting machines for On-Site precision cutting and bevelling of most pipe sizes, schedules and materials.

The Clamshell Lathes cover a wide range of pipe sizes from 2" to 60" OD and are designed so that minimal radial and axial clearance are required for easy installation on in-line closed loop pipe.

Unlike other competitive cold cutters our lathes have more bearings making it the most versatile machine in the industry to cut and bevel pipe, re-machine flanges, machine shafts and more.



Mactech 816USS Clamshell



#### Features

- Sever or simultaneous Sever / Bevell 10" to 16" diameter pipe.
- Cold Cutting in hazardous environments.
- Exceptionally rigid, split-frame for precise on-site machining.
- Tool Holder accepts standard 3/4" or 1" tool bits.
- Lightweight, low clearance design for easy handling in tight workspaces.
- Air Caddy (air filter & oiler) included with air drive systems
- Customer setups and drives available for your application.

**Mactech Europe Limited**

Tel: + 44 (0) 1260 253846  
Web: [www.mactech europe.co.uk](http://www.mactech europe.co.uk)  
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## 816USS Clamshell Lathe



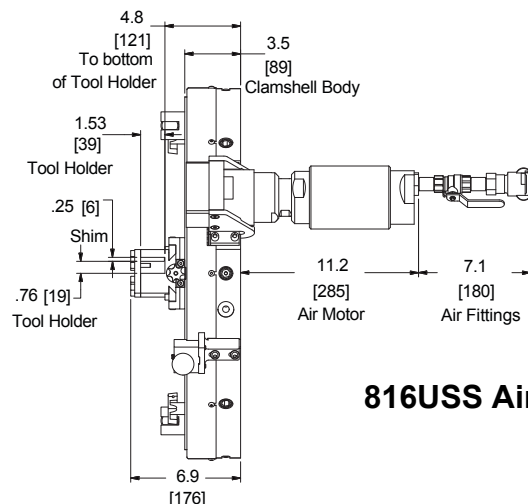
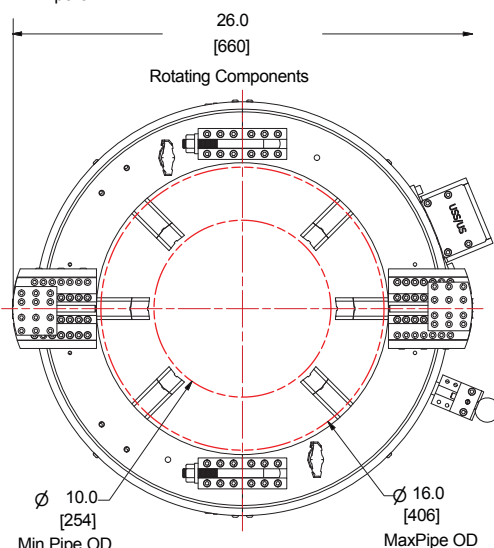
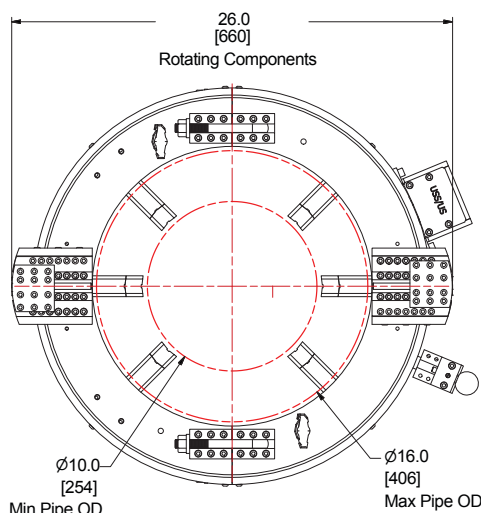
**Application Range** 10" to 16" (254 to 406mm) diameter pipe

**Feed** **Feed Mechanism** 7 Point Star Wheel & Tripper  
**Feed Rate** .0035" (0.09 mm) per revolution

**Drives** **Air Drive Requirement** 100cfm @ 100 psi (2.8m<sup>3</sup>/min @ 6.9 bar)  
**Hydraulic Drive HPU Requirement** 10-15 gpm @1000 psi (38-57lpm@69 bar) continuous pressure - includes hose whips and quick-disconnects

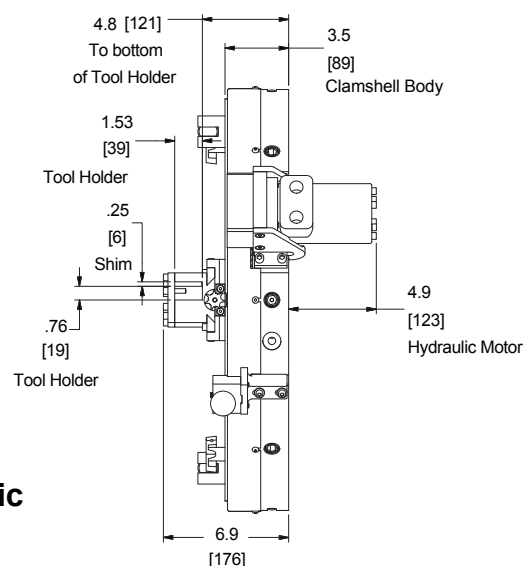
**Weights** **Operating Weights** include tool blocks, slides and drive motor  
816USS Air Drive 161lbs (73kg) | 816USS Hydraulic Drive 162lbs (73kg)  
**Approximate Shipping Weights** includes equipment and shipping crate  
816USS Air Drive 289lbs (131kg) | 816USS Hydraulic Drive 277lbs 126kg)

**Options** **Full line of tool bits** | **Right angle & reversible drives** | **Single point machining attachment** | **Axial Feed Machining attachment** | **Counterbore / Facing attachment** | **Hydraulic Power Unit**



**816USS Air Drive**

**816USS  
Hydraulic  
Drive**



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## 820USS Clamshell Lathe

### Portable Machining Solutions

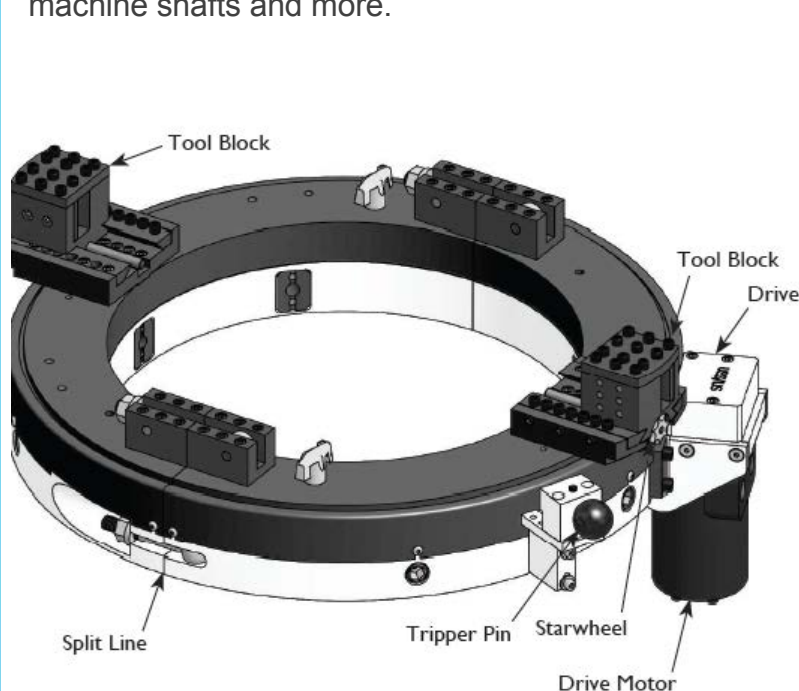


## Mactech Europe 820USS Clamshell Lathe

Mactech Europe offer portable pipe cutting machines for On-Site precision cutting and bevelling of most pipe sizes, schedules and materials.

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Unlike other competitive cold cutters our lathes have more bearings making it the most versatile machine in the industry to cut and bevel pipe, re-machine flanges, machine shafts and more.



Mactech 820USS Clamshell



#### Features

- Sever or simultaneous Sever / Bevell 14" to 20" diameter pipe.
- Cold Cutting in hazardous environments.
- Exceptionally rigid, split-frame for precise on-site machining.
- Tool Holder accepts standard 3/4" or 1" tool bits.
- Lightweight, low clearance design for easy handling in tight workspaces.
- Air Caddy (air filter & oiler) included with air drive systems
- Customer setups and drives available for your application.

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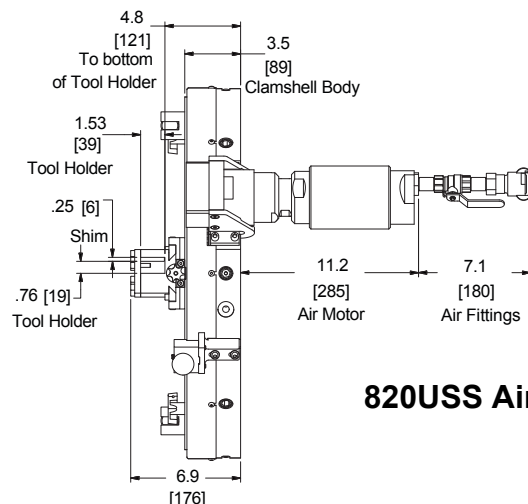
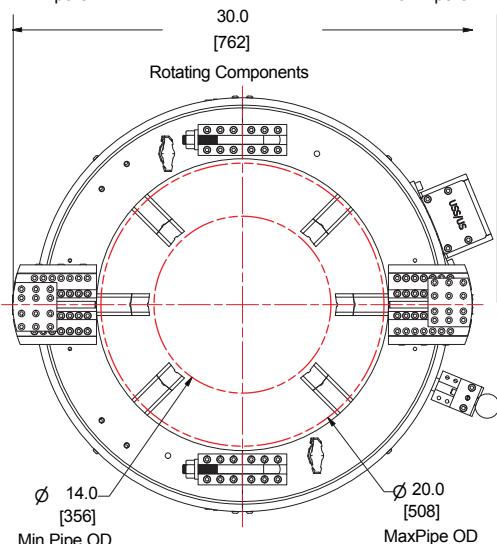
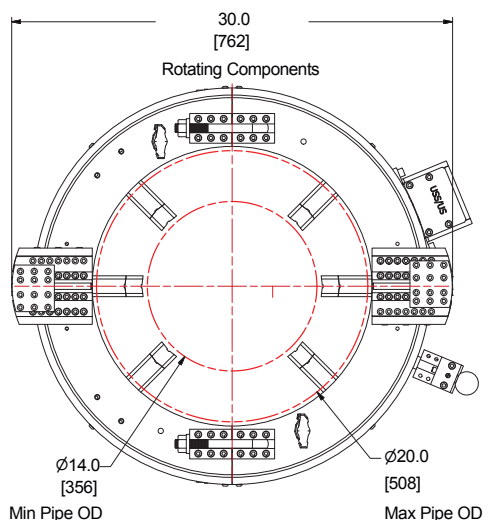
# 820USS Clamshell Lathe



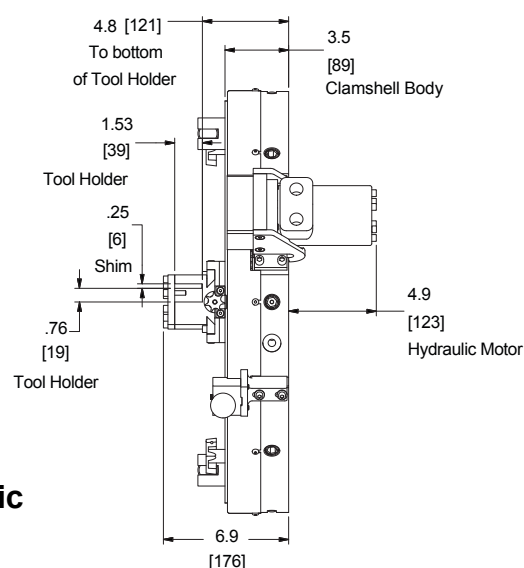
Web Site

Mactech Europe 820USS Clamshell Lathe

<b>Application Range</b>	<b>14" to 20" (254 to 406mm) diameter pipe</b>	
<b>Feed</b>	<b>Feed Mechanism</b>	<b>7 Point Star Wheel &amp; Tripper</b>
	<b>Feed Rate</b>	<b>.0035" (0.09 mm) per revolution</b>
<b>Drives</b>	<b>Air Drive Requirement 100cfm @ 100 psi (2.8m<sup>3</sup>/min @ 6.9 bar)</b> <b>Hydraulic Drive HPU Requirement 10-15 gpm @1000 psi (38-57lpm@69 bar) continuous pressure - includes hose whips and quick-disconnects</b>	
<b>Weights</b>	<b>Operating Weights include tool blocks, slides and drive motor</b> <b>820USS Air Drive 191lbs (86kg)   820USS Hydraulic Drive 192lbs (87kg)</b> <b>Approximate Shipping Weights includes equipment and shipping crate</b> <b>820USS Air Drive 319lbs (145kg)   820USS Hydraulic Drive 307lbs 139kg)</b>	
<b>Options</b>	<b>Full line of tool bits   Right angle &amp; reversible drives   Single point machining attachment   Axial Feed Machining attachment   Counterbore / Facing attachment   Hydraulic Power Unit</b>	



**820USS Air Drive**



**820USS  
Hydraulic  
Drive**

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## 824USS Clamshell Lathe

### Portable Machining Solutions

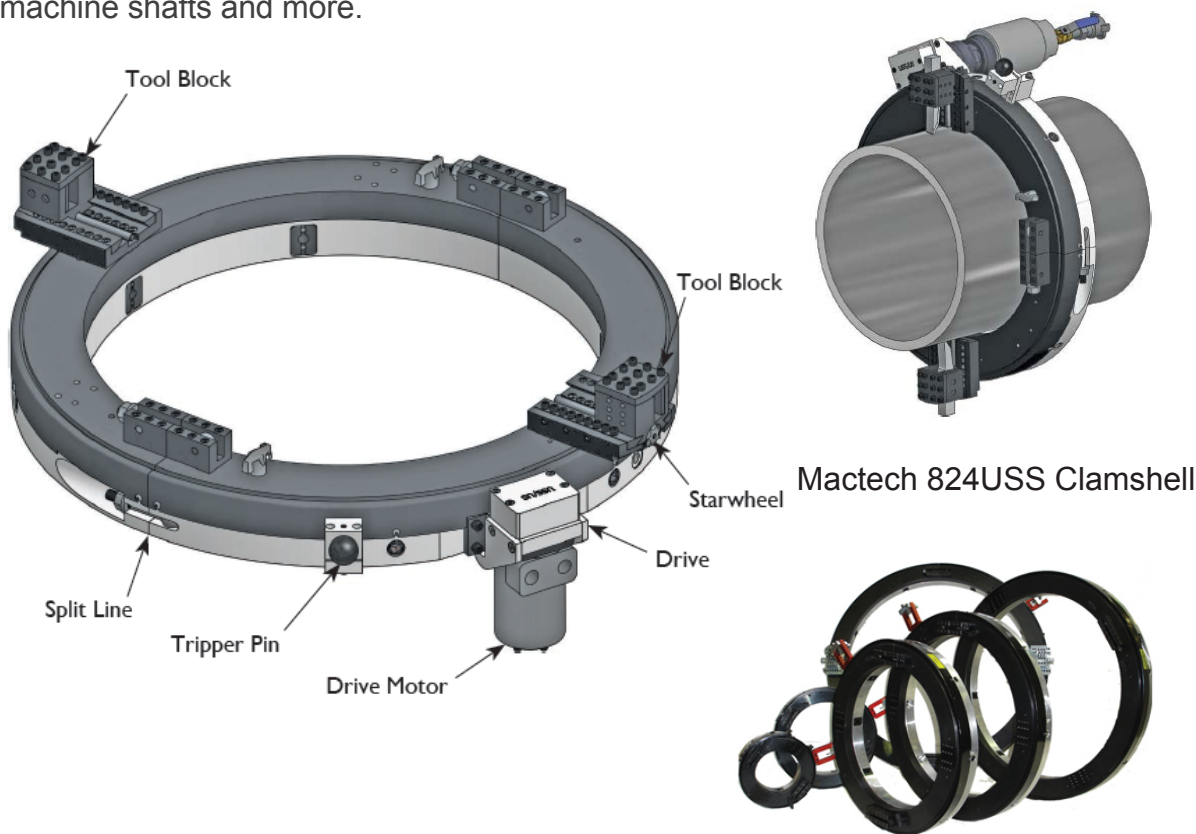


Mactech Europe 824USS Clamshell Lathe

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#### Features

- Sever or simultaneous Sever / Bevell 18" to 24" diameter pipe.
- Cold Cutting in hazardous environments.
- Exceptionally rigid, split-frame for precise on-site machining.
- Tool Holder accepts standard 3/4" or 1" tool bits.
- Lightweight, low clearance design for easy handling in tight workspaces.
- Air Caddy (air filter & oiler) included with air drive systems
- Customer setups and drives available for your application.

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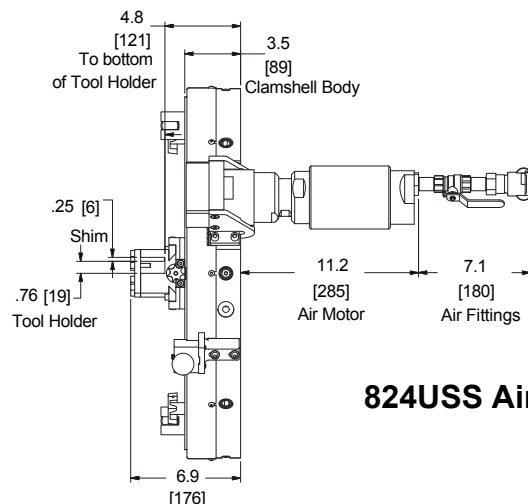
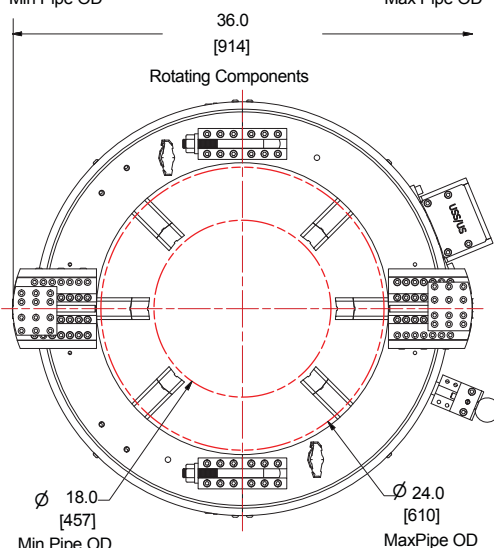
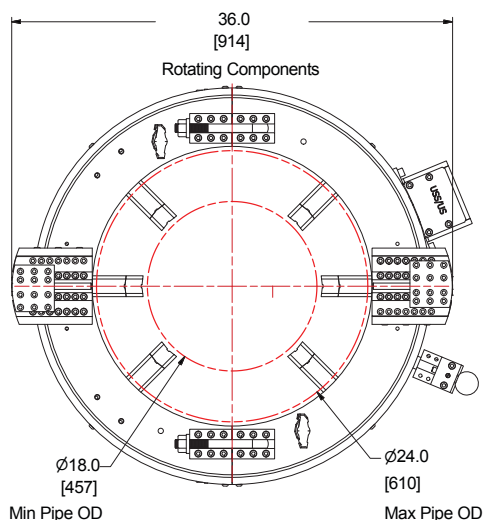
# 824USS Clamshell Lathe



Web Site

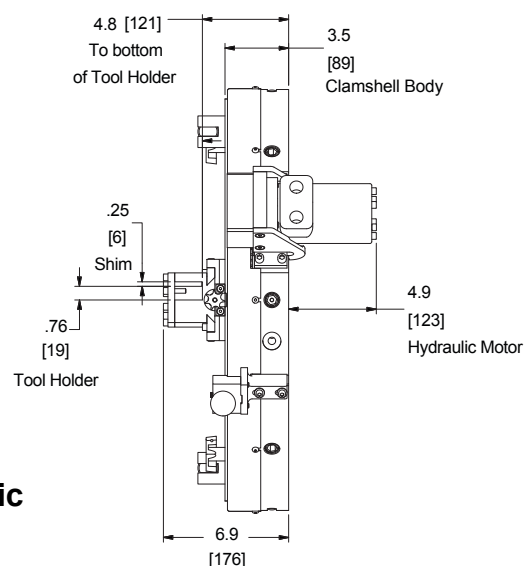
Mactech Europe 824USS Clamshell Lathe

<b>Application Range</b>	<b>18" to 24" (457 to 610mm) diameter pipe</b>	
<b>Feed</b>	<b>Feed Mechanism</b>	<b>7 Point Star Wheel &amp; Tripper</b>
	<b>Feed Rate</b>	<b>.0035" (0.09 mm) per revolution</b>
<b>Drives</b>	<b>Air Drive Requirement 100cfm @ 100 psi (2.8m<sup>3</sup>/min @ 6.9 bar)</b> <b>Hydraulic Drive HPU Requirement 10-15 gpm @1000 psi (38-57lpm@69 bar) continuous pressure - includes hose whips and quick-disconnects</b>	
<b>Weights</b>	<b>Operating Weights include tool blocks, slides and drive motor</b> <b>824USS Air Drive 227lbs (102kg)   824USS Hydraulic Drive 228lbs (103kg)</b> <b>Approximate Shipping Weights includes equipment and shipping crate</b> <b>824USS Air Drive 355lbs (161kg)   824USS Hydraulic Drive 343lbs 156kg)</b>	
<b>Options</b>	<b>Full line of tool bits   Right angle &amp; reversible drives   Single point machining attachment   Axial Feed Machining attachment   Counterbore / Facing attachment   Hydraulic Power Unit</b>	



**824USS Air Drive**

**824USS  
Hydraulic  
Drive**



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## 828USS Clamshell Lathe

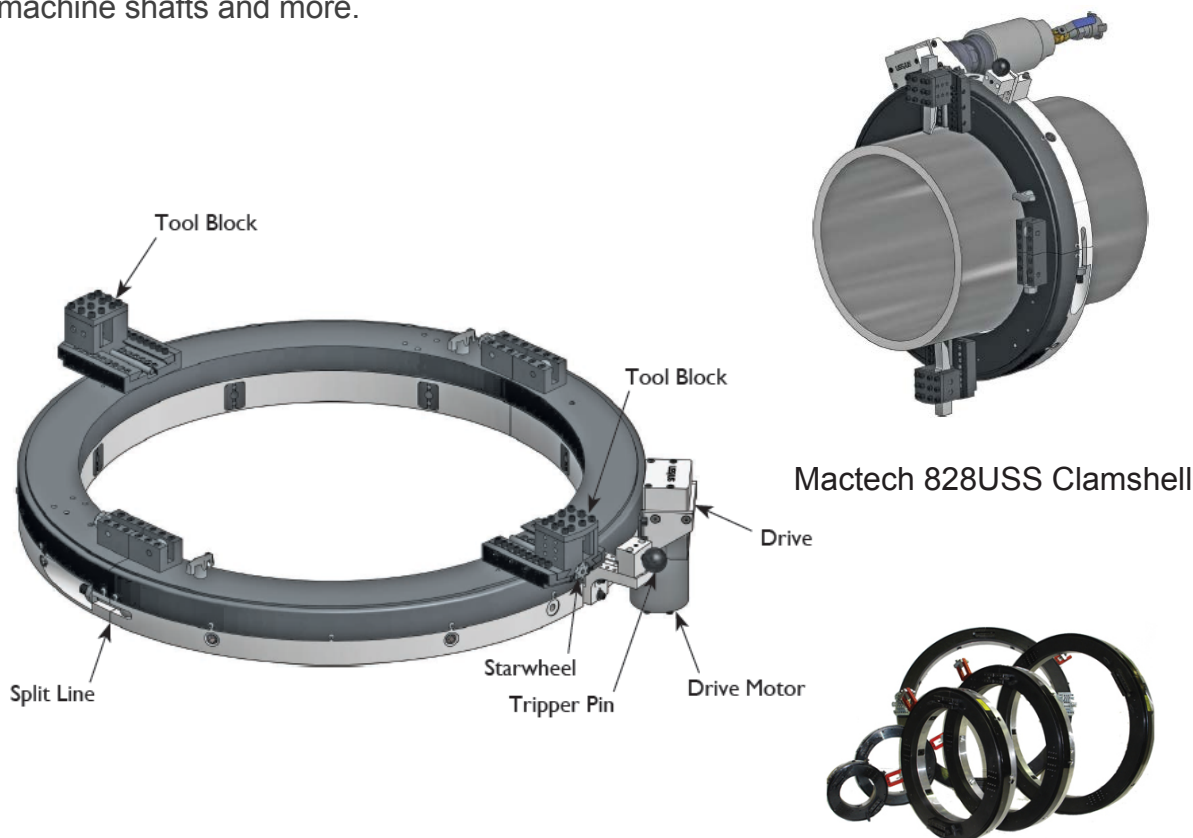
### Portable Machining Solutions



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Unlike other competitive cold cutters our lathes have more bearings making it the most versatile machine in the industry to cut and bevel pipe, re-machine flanges, machine shafts and more.



#### Features

- Sever or simultaneous Sever / Bevell 22" to 28" diameter pipe.
- Cold Cutting in hazardous environments.
- Exceptionally rigid, split-frame for precise on-site machining.
- Tool Holder accepts standard 3/4" or 1" tool bits.
- Lightweight, low clearance design for easy handling in tight workspaces.
- Air Caddy (air filter & oiler) included with air drive systems
- Customer setups and drives available for your application.

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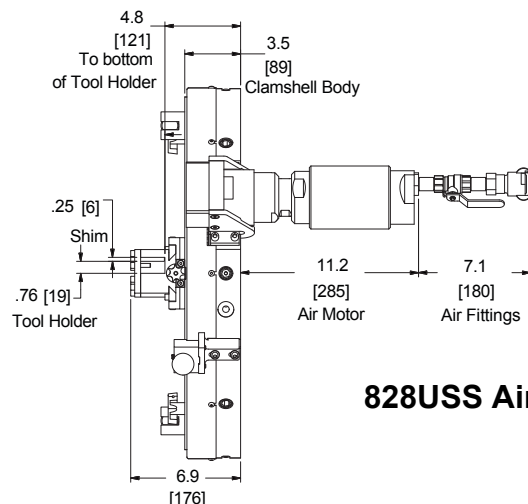
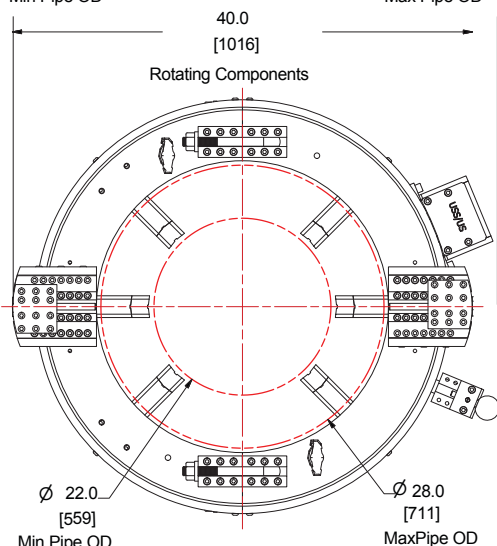
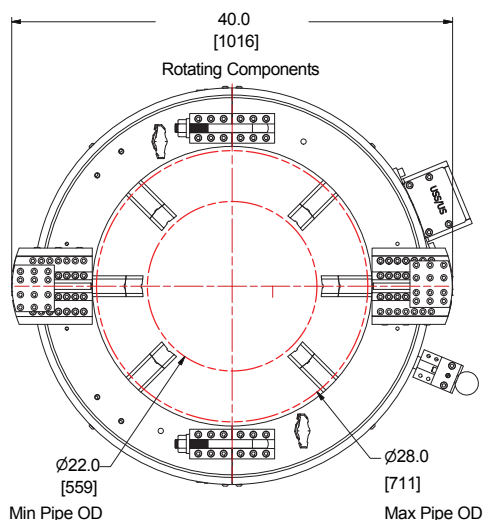
# 828USS Clamshell Lathe



Web Site

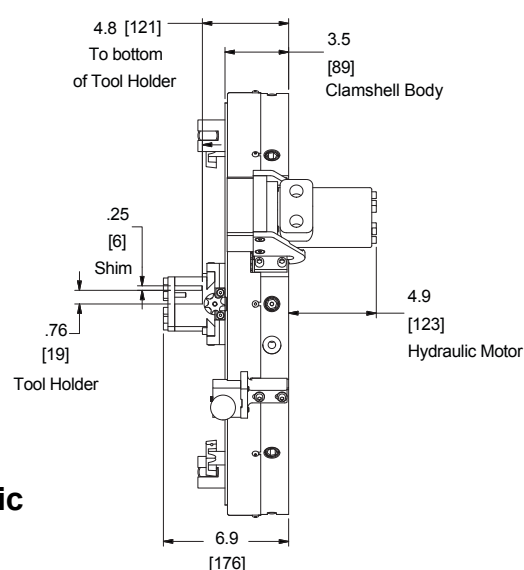
Mactech Europe 828USS Clamshell Lathe

<b>Application Range</b>	<b>22" to 28" (559 to 711mm) diameter pipe</b>	
<b>Feed</b>	<b>Feed Mechanism</b>	<b>7 Point Star Wheel &amp; Tripper</b>
	<b>Feed Rate</b>	<b>.0035" (0.09 mm) per revolution</b>
<b>Drives</b>	<b>Air Drive Requirement 100cfm @ 100 psi (2.8m<sup>3</sup>/min @ 6.9 bar)</b> <b>Hydraulic Drive HPU Requirement 10-15 gpm @1000 psi (38-57lpm@69 bar) continuous pressure - includes hose whips and quick-disconnects</b>	
<b>Weights</b>	<b>Operating Weights include tool blocks, slides and drive motor</b> <b>828USS Air Drive 247lbs (112kg)   828USS Hydraulic Drive 248lbs (112kg)</b> <b>Approximate Shipping Weights includes equipment and shipping crate</b> <b>828USS Air Drive 430lbs (195kg)   828USS Hydraulic Drive 418lbs 190kg)</b>	
<b>Options</b>	<b>Full line of tool bits   Right angle &amp; reversible drives   Single point machining attachment   Axial Feed Machining attachment   Counterbore / Facing attachment   Hydraulic Power Unit</b>	



**828USS Air Drive**

**828USS  
Hydraulic  
Drive**



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## 830USS Clamshell Lathe

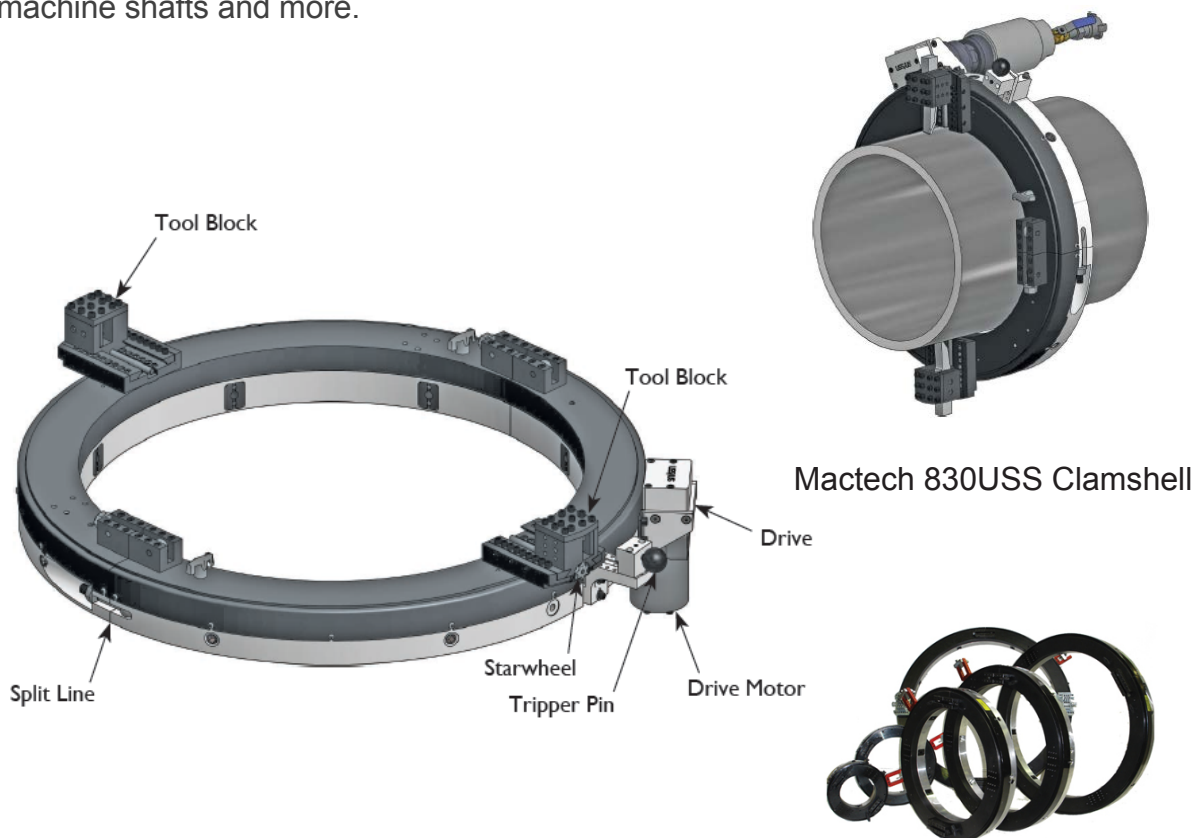
### Portable Machining Solutions



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The Clamshell Lathes cover a wide range of pipe sizes from 2" to 60" OD and are designed so that minimal radial and axial clearance are required for easy installation on in-line closed loop pipe.

Unlike other competitive cold cutters our lathes have more bearings making it the most versatile machine in the industry to cut and bevel pipe, re-machine flanges, machine shafts and more.



#### Features

- Sever or simultaneous Sever / Bevell 24" to 30" diameter pipe.
- Cold Cutting in hazardous environments.
- Exceptionally rigid, split-frame for precise on-site machining.
- Tool Holder accepts standard 3/4" or 1" tool bits.
- Lightweight, low clearance design for easy handling in tight workspaces.
- Air Caddy (air filter & oiler) included with air drive systems
- Customer setups and drives available for your application.

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# 830USS Clamshell Lathe



Web Site

Mactech Europe 830USS Clamshell Lathe

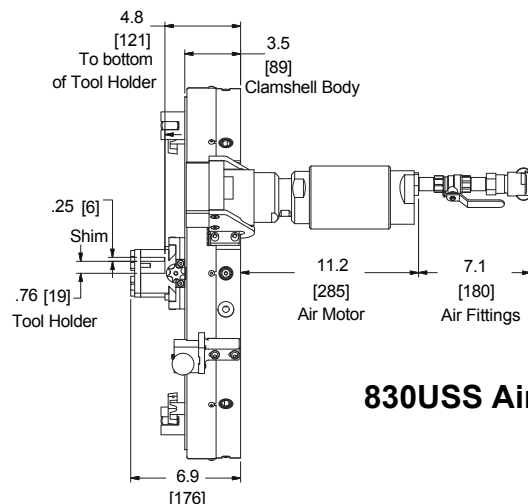
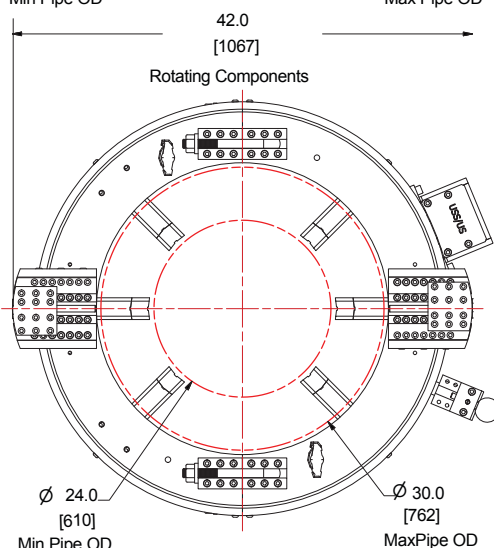
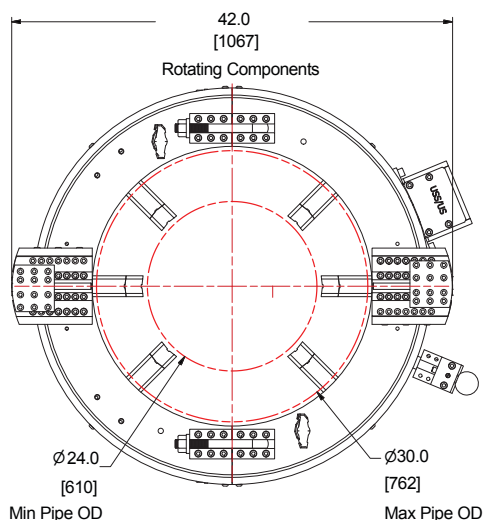
**Application Range** 24" to 30" (610 to 762mm) diameter pipe

**Feed** **Feed Mechanism** 7 Point Star Wheel & Tripper  
**Feed Rate** .0035" (0.09 mm) per revolution

**Drives** **Air Drive Requirement** 100cfm @ 100 psi (2.8m<sup>3</sup>/min @ 6.9 bar)  
**Hydraulic Drive HPU Requirement** 10-15 gpm @1000 psi (38-57lpm@69 bar) continuous pressure - includes hose whips and quick-disconnects

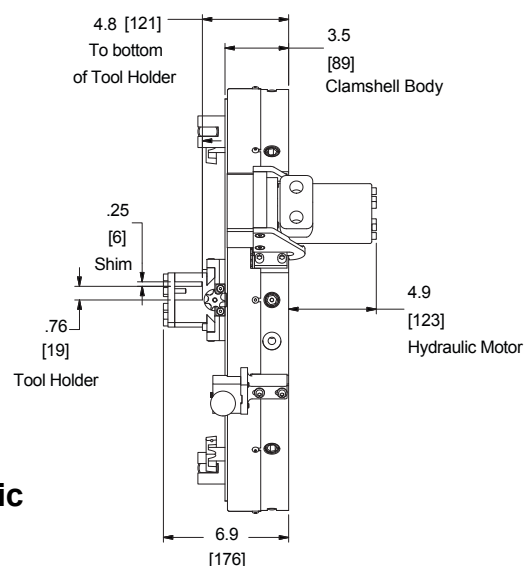
**Weights** **Operating Weights** include tool blocks, slides and drive motor  
830USS Air Drive 256lbs (116kg) | 830USS Hydraulic Drive 257lbs (117kg)  
**Approximate Shipping Weights** includes equipment and shipping crate  
830USS Air Drive 439lbs (199kg) | 830USS Hydraulic Drive 427lbs 194kg)

**Options** **Full line of tool bits** | **Right angle & reversible drives** | **Single point machining attachment** | **Axial Feed Machining attachment** | **Counterbore / Facing attachment** | **Hydraulic Power Unit**



**830USS Air Drive**

**830USS  
Hydraulic  
Drive**



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# Mactech Europe **832USS**

## **Clamshell Lathe**

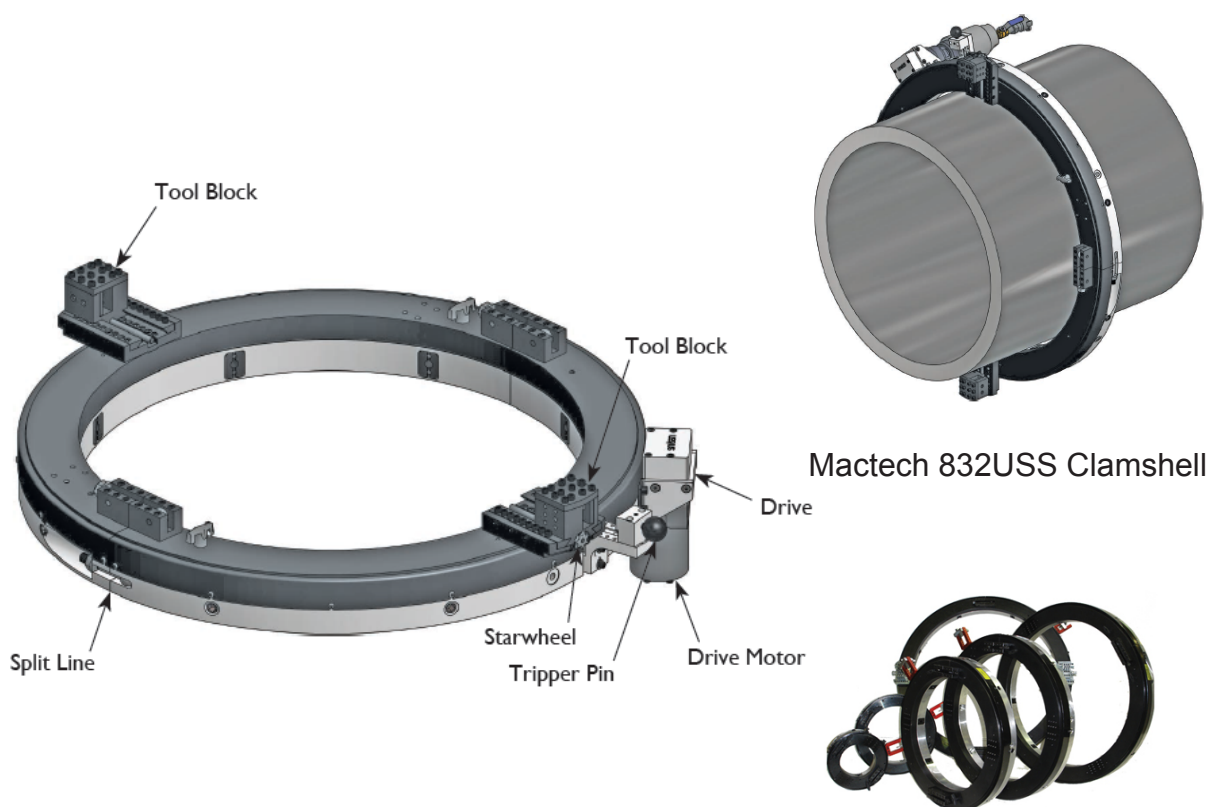
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Mactech 832USS Clamshell

#### **Features**

- Sever or simultaneous Sever / Bevell 26" to 32" diameter pipe.
- Cold Cutting in hazardous environments.
- Exceptionally rigid, split-frame for precise on-site machining.
- Tool Holder accepts standard 3/4" or 1" tool bits.
- Lightweight, low clearance design for easy handling in tight workspaces.
- Air Caddy (air filter & oiler) included with air drive systems
- Customer setups and drives available for your application.

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# Mactech Europe 832USS

## Clamshell Lathe



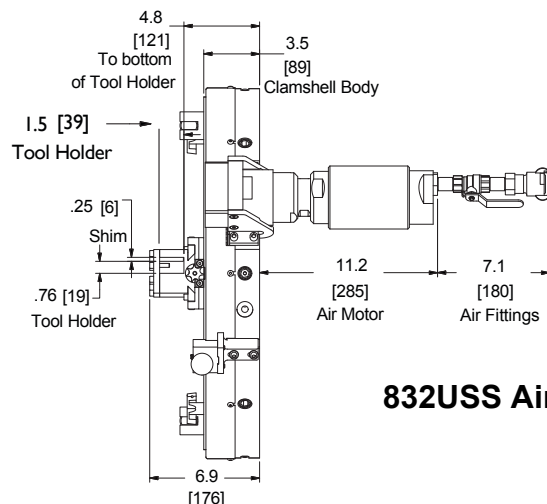
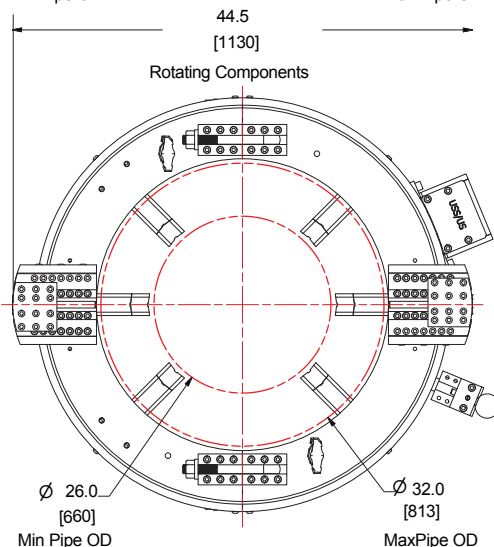
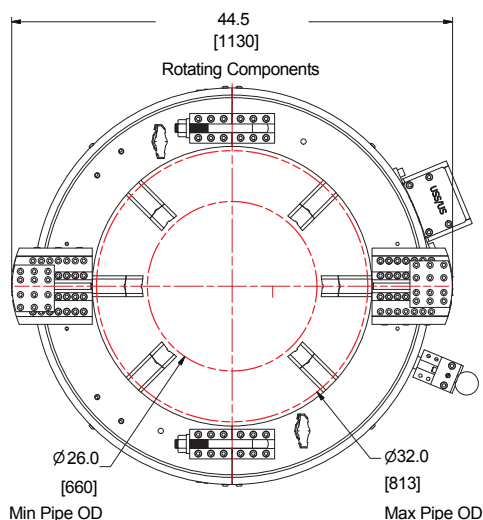
**Application Range** 26" to 32" (660 to 813mm) diameter pipe

**Feed** **Feed Mechanism** 7 Point Star Wheel & Tripper  
**Feed Rate** .0035" (0.09 mm) per revolution

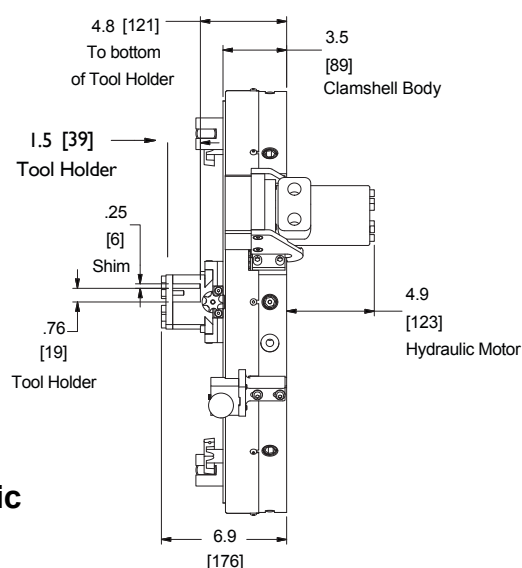
**Drives** **Air Drive Requirement** 100cfm @ 100 psi (2.8m<sup>3</sup>/min @ 6.9 bar)  
**Hydraulic Drive HPU Requirement** 10-15 gpm @1000 psi (38-57lpm@69 bar) continuous pressure - includes hose whips and quick-disconnects

**Weights** **Operating Weights** include tool blocks, slides and drive motor  
832USS Air Drive 272lbs (123kg) | 832USS Hydraulic Drive 273lbs (124kg)  
**Approximate Shipping Weights** includes equipment and shipping crate  
832USS Air Drive 445lbs (206kg) | 832USS Hydraulic Drive 443lbs 201kg)

**Options** **Full line of tool bits** | **Right angle & reversible drives** | **Single point machining attachment** | **Axial Feed Machining attachment** | **Counterbore / Facing attachment** | **Hydraulic Power Unit**



**832USS Air Drive**



**832USS  
Hydraulic  
Drive**

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## 836USS Clamshell Lathe

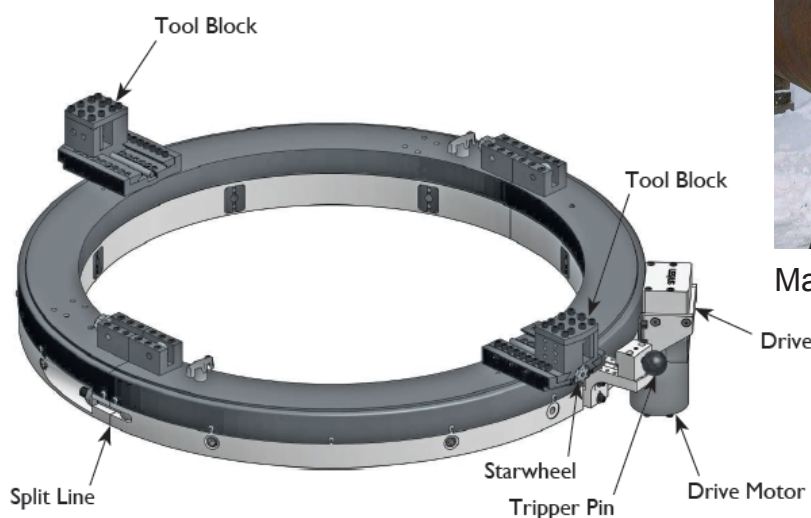
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Mactech 836USS Clamshell



#### Features

- Sever or simultaneous Sever / Bevell 30" to 36" diameter pipe.
- Cold Cutting in hazardous environments.
- Exceptionally rigid, split-frame for precise on-site machining.
- Tool Holder accepts standard 3/4" or 1" tool bits.
- Lightweight, low clearance design for easy handling in tight workspaces.
- Air Caddy (air filter & oiler) included with air drive systems
- Customer setups and drives available for your application.

**Mactech Europe Limited**

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# 836USS Clamshell Lathe



Web Site

Mactech Europe 836USS Clamshell Lathe

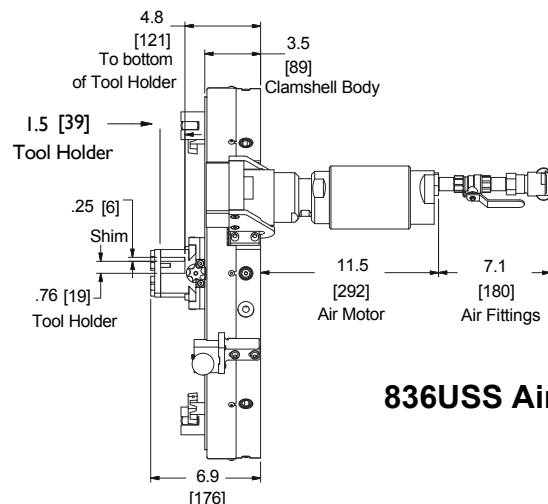
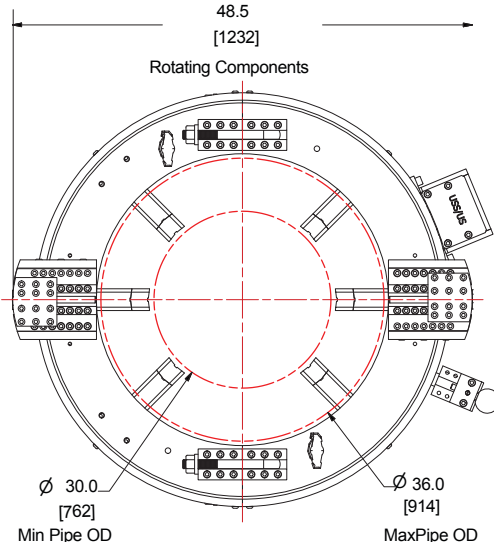
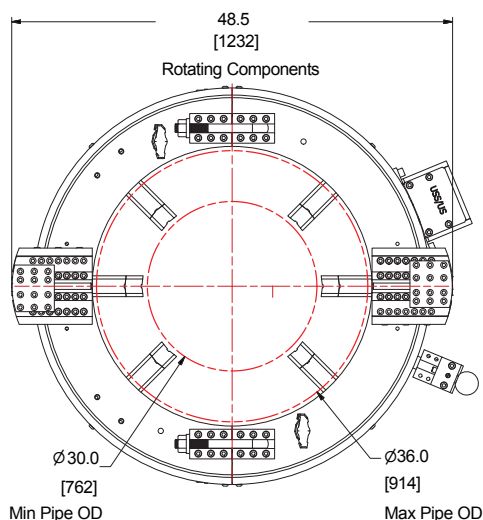
**Application Range** 30" to 36" (762 to 914mm) diameter pipe

**Feed** **Feed Mechanism** 7 Point Star Wheel & Tripper  
**Feed Rate** .0035" (0.09 mm) per revolution

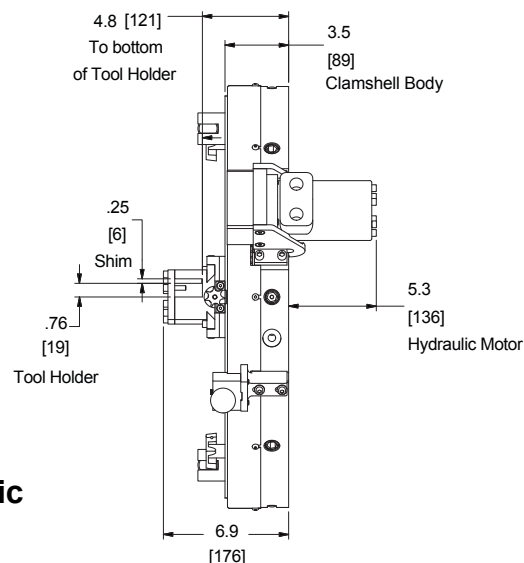
**Drives** **Air Drive Requirement** 100cfm @ 100 psi (2.8m<sup>3</sup>/min @ 6.9 bar)  
**Hydraulic Drive HPU Requirement** 10-15 gpm @1000 psi (38-57lpm@69 bar) continuous pressure - includes hose whips and quick-disconnects

**Weights** **Operating Weights** include tool blocks, slides and drive motor  
836USS Air Drive 305lbs (138kg) | 836USS Hydraulic Drive 306lbs (139kg)  
**Approximate Shipping Weights** includes equipment and shipping crate  
836USS Air Drive 448lbs (221kg) | 836USS Hydraulic Drive 476lbs 216kg)

**Options** **Full line of tool bits** | **Right angle & reversible drives** | **Single point machining attachment** | **Axial Feed Machining attachment** | **Counterbore / Facing attachment** | **Hydraulic Power Unit**



**836USS Air Drive**



**836USS  
Hydraulic  
Drive**

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