Mactech Europe 816USS

Clamshell Lathe

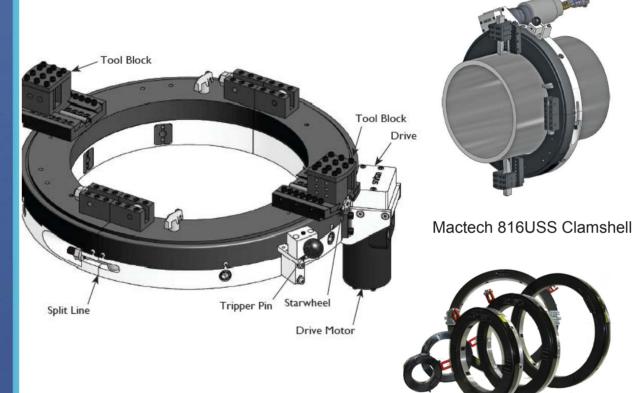


Portable Machining Solutions

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.



Features

- Sever or simultaneous Sever / Bevell 10" to 16" diameter pipe.
- -Cold Cuttingin 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.mactecheurope.co.uk Email: info@mactecheurope.co.uk





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816USS Clamshell Lathe



Application Range	10" to 16" (254 to 4	406mm) diameter pipe
Feed	Feed Mechanism Feed Rate	7 Point Star Wheel & Tripper .0035" (0.09 mm) per revolution
Drives	Hydraulic Drive HPU	t 100cfm @ 100 psi (2.8m³/min @ 6.9 bar) Requirment 10-15 gpm @1000 psi (38-57lpm@69 ssure - includes hose whips and quick-disconnects
Weights	816USS Air Drive 161 Approximate Shippin	nclude tool blocks, slides and drive motor 1lbs (73kg) 816USS Hydraulic Drive 162lbs (73kg) ng Weights includes equipment and shipping crate 9lbs (131kg) 816USS Hydraulic Drive 277lbs 126kg)
Options	machinig attachment Counterbore / Facing	Right angle & reversible drives Single point t Axial Feed Machining attachment g attachment Hydraulic Power Unit
[66 Rotating C	Ø 16.0 (406) Max Pipe OD 000 000 000 000 000 000 000 0	4.8 To boltom of Tool Holder 1.3 Tool Holder 1.5 Tool Holder 1.5 Tool Holder 1.5 Tool Holder 1.5 Tool Holder 1.5 Tool Holder 1.76 1.3 Tool Holder 1.2 Tool Holder 1.76 1.2 Tool Holder 1.5 Tool H

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820USS Clamshell Lathe

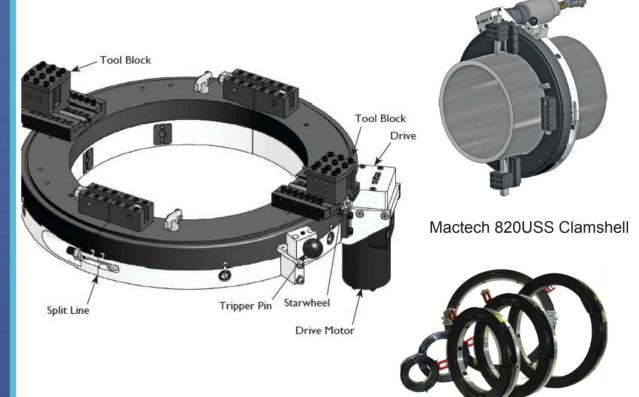


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The Clamshell Lathes cover a wide range of pipe sizes from 2" to 60" OD and are designed so that minimal radial and axial clearance are required for easy installation on in-line closed loop pipe.

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Features

- Sever or simultaneous Sever / Bevell 14" to 20" diameter pipe.
- -Cold Cuttingin 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



Application Range	14" to 20" (254 to	406mm) diameter pipe
Feed	Feed Mechanism Feed Rate	7 Point Star Wheel & Tripper .0035" (0.09 mm) per revolution
Drives	Hydraulic Drive HPU	nt 100cfm @ 100 psi (2.8m³/min @ 6.9 bar) J Requirment 10-15 gpm @1000 psi (38-57lpm@69 ssure - includes hose whips and quick-disconnects
Weights	820USS Air Drive 19 Approximate Shippi	nclude tool blocks, slides and drive motor 11bs (86kg) 820USS Hydraulic Drive 192lbs (87kg) ng Weights includes equipment and shipping crate 9lbs (145kg) 820USS Hydraulic Drive 307lbs 139kg)
Options	machinig attachmer Counterbore / Facin	Right angle & reversible drives Single point nt Axial Feed Machining attachment g attachment Hydraulic Power Unit
	2]	4.8 [121] 3.5 To bottom
	Components	of Tool Holder
		1.53 (39) Tool Holder 25 [6] Shim 11.2 7.1 (285) (180) Air Motor Air Fittings 820USS Air Drive
Ø14.0-	piece	
[356] Min Pipe OD	[508] Max Pipe OD	[176]
30 (76 Rotating Co Cocococo Cocococo Cococo Cocococo Cocococo Cococo Cococo Coco	.0 2] mponents	4.8 [121] To bottom of Tool Holder 1.5 (39) Tool Holder 25 (6) (123) Hydraulic Motor 820USS Hydraulic Drive

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824USS Clamshell Lathe

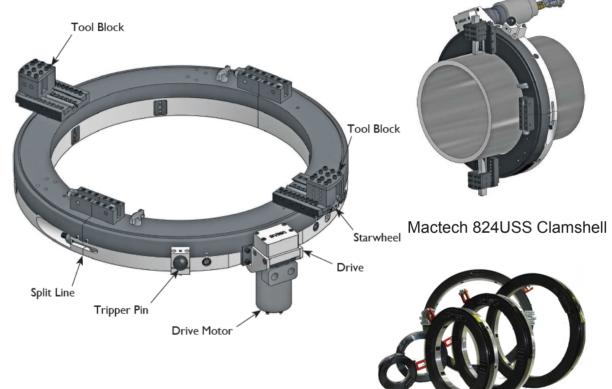


Portable Machining Solutions

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Features

- Sever or simultaneous Sever / Bevell 18" to 24" diameter pipe.
- -Cold Cuttingin 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



Application Range	18" to 24" (457 to	610mm) diameter pipe
Feed	Feed Mechanism Feed Rate	7 Point Star Wheel & Tripper .0035" (0.09 mm) per revolution
Drives	Hydraulic Drive HPL	nt 100cfm @ 100 psi (2.8m³/min @ 6.9 bar) J Requirment 10-15 gpm @1000 psi (38-57lpm@69 ssure - includes hose whips and quick-disconnects
Weights	824USS Air Drive 22 Approximate Shippi	nclude tool blocks, slides and drive motor Plbs (102kg) 824USS Hydraulic Drive 228lbs (103kg) ng Weights includes equipment and shipping crate 51bs (161kg) 824USS Hydraulic Drive 343lbs 156kg)
Options	machinig attachmer Counterbore / Facin	Right angle & reversible drives Single point ht Axial Feed Machining attachment g attachment Hydraulic Power Unit
		4.8 [121] 3.5 To bottom [89]
		of Tool Holder
		.76 [19] Tool Holder
Ø18.0-/ [457]	[610]	[176]
Min Pipe OD 36 [91 Rotating Co	4]	4.8 [121] 3.5 To bottom [89] of Tool Holder Clamshell Body
BBBBBBBB 8 8 9 80000 9 0 0 1800 (457] Min Pipe OD		25 (6) (123) Hydraulic Motor 824USS Hydraulic Drive (123) Hydraulic (19) (19) (19) (19) (123) (1) (1) (1) (1) (1) (1) (1) (1

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828USS Clamshell Lathe

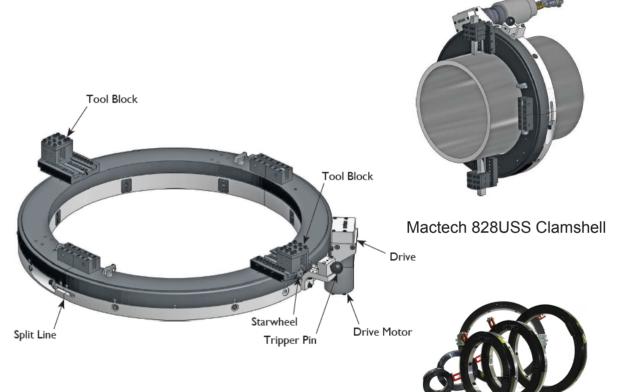


Portable Machining Solutions

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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 Cuttingin 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



22" to 28" (559 to 711mm) diameter pipe **Application Range** Feed 7 Point Star Wheel & Tripper **Feed Mechanism** .0035" (0.09 mm) per revolution **Feed Rate Drives** Air Drive Requirment 100cfm @ 100 psi (2.8m³/min @ 6.9 bar) Hydraulic Drive HPU Requirment 10-15 gpm @1000 psi (38-57lpm@69 bar) continuous pressure - includes hose whips and guick-disconnects Weights Operating Weights include tool blocks, slides and drive motor 828USS Air Drive 247lbs (112kg) | 828USS Hydraulic Drive 248lbs (112kg) Approximate Shipping Weights includes equipment and shipping crate 828USS Air Drive 430lbs (195kg) | 828USS Hydraulic Drive 418lbs 190kg) Options Full line of tool bits | Right angle & reversible drives | Single point machinig attachment | Axial Feed Machining attachment | Counterbore / Facing attachment | Hydraulic Power Unit 4.8 40.0 [121] [1016] 35 To bottom Rotating Components [89] of Tool Holder Clamshell Body .25 [6] Shim 112 7.1 0 [285] [180] .76 [19]_ 0 Air Motor Air Fittings Tool Holder 828USS Air Drive 000000 Ø28.0 Ø22 0 69 [559] [711] [176] Min Pipe OD Max Pipe OD 40.0 4.8 [121] 3.5 [1016] To bottom [89] **Rotating Components** of Tool Holder Clamshell Body ത 25 0 [6] Shim 00008-8 0000 49 \odot 0000 0 0 0 0000 [123] .76 00000000 20000 Hydraulic Motor [19] Tool Holder 828USS Ø 22.0 Ø 28.0 Hydraulic [711] [559] MaxPipe OD 6.9 Min Pipe OD Drive [176]

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830USS Clamshell Lathe

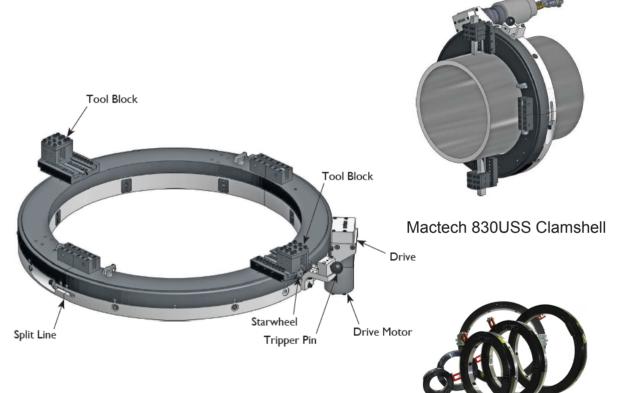


Portable Machining Solutions

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.



Features

- Sever or simultaneous Sever / Bevell 24" to 30" diameter pipe.
- -Cold Cuttingin 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



Application Range	24" to 30" (610 to	762mm) diameter pipe
Feed	Feed Mechanism Feed Rate	7 Point Star Wheel & Tripper .0035" (0.09 mm) per revolution
Drives	Hydraulic Drive HPU	nt 100cfm @ 100 psi (2.8m³/min @ 6.9 bar) J Requirment 10-15 gpm @1000 psi (38-57lpm@69 ssure - includes hose whips and quick-disconnects
Weights	830USS Air Drive 25 Approximate Shippi	nclude tool blocks, slides and drive motor 6lbs (116kg) 830USS Hydraulic Drive 257lbs (117kg) ng Weights includes equipment and shipping crate 9lbs (199kg) 830USS Hydraulic Drive 427lbs 194kg)
Options	machinig attachmer Counterbore / Facin	Right angle & reversible drives Single point nt Axial Feed Machining attachment g attachment Hydraulic Power Unit
[10	2.0	4.8 [121] To bottom of Tool Holder (89] Clamshell Body
Second Se		25 [6] Shim 11.2 76 [19] Tool Holder 11.2 (285) (180) Air Motor Air Fittings 830USS Air Drive [176]
	D67]	4.8 [121] To bottom of Tool Holder 25 (6) 5 him Tool Holder (123) Hydraulic Motor 830USS Hydraulic Drive (123) Hydraulic (176)

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Mactech Europe 832USS

Clamshell Lathe

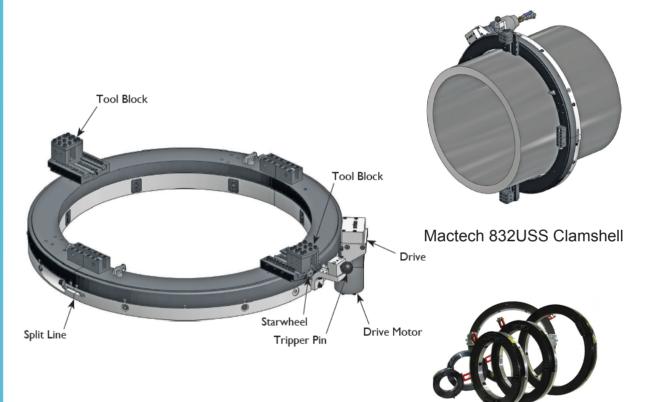


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Unlike other competitive cold cutters our lathes have more bearings making it the most versatile machine in the industry to cut and bevel pipe, re-machine flanges, machine shafts and more.



Features

- Sever or simultaneous Sever / Bevell 26" to 32" diameter pipe.
- -Cold Cuttingin 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 Feed Rate	7 Point Star Wheel & Tripper .0035" (0.09 mm) per revolution
Drives	Hydraulic Drive HPL	nt 100cfm @ 100 psi (2.8m³/min @ 6.9 bar) J Requirment 10-15 gpm @1000 psi (38-57lpm@69 ssure - includes hose whips and quick-disconnects
Weights	832USS Air Drive 27 Approximate Shippi	nclude tool blocks, slides and drive motor '2lbs (123kg) 832USS Hydraulic Drive 273lbs (124kg) ng Weights includes equipment and shipping crate 5lbs (206kg) 832USS Hydraulic Drive 443lbs 201kg)
Options	machinig attachmer	Right angle & reversible drives Single point nt Axial Feed Machining attachment g attachment Hydraulic Power Unit
44. [11] Rotating C		4.8 [121] 3.5 To bottom [89]
		of Tool Holder Clamshell Body
		Tool Holder .25 [6] Shim .76 [19] Tool Holder .76 [19] .76 [19] .77 [180] .77
ø26.0	ø32.0	832USS Air Drive
[660] Min Pipe OD	[813] Max Pipe OD	
44. [11: Rotating Co	5 	4.8 [121] To bottom of Tool Holder Clamshell Body
Ø 26.0 [660] Min Pipe OD		I.5 [39] Tool Holder 1.5 [6] 100 Holder 1.5 [6] 100 Holder 1.5 [70] 100 Holder 1.5 [70] 110 Holder 1.5 [70]

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836USS 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 30" to 36" diameter pipe.
- -Cold Cuttingin 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) LIMITED



836USS Clamshell Lathe



Application Rang	e 30" to 36" (762 to	914mm) diameter pipe
Feed	Feed Mechanism Feed Rate	7 Point Star Wheel & Tripper .0035" (0.09 mm) per revolution
Drives	Hydraulic Drive HPL	nt 100cfm @ 100 psi (2.8m ³ /min @ 6.9 bar) J Requirment 10-15 gpm @1000 psi (38-57lpm@69 ssure - includes hose whips and quick-disconnects
Weights	836USS Air Drive 30 Approximate Shippi	include tool blocks, slides and drive motor 05lbs (138kg) 836USS Hydraulic Drive 306lbs (139kg) ing Weights includes equipment and shipping crate 18lbs (221kg) 836USS Hydraulic Drive 476lbs 216kg)
Options	machinig attachmer Counterbore / Facin	Right angle & reversible drives Single point nt Axial Feed Machining attachment ng attachment Hydraulic Power Unit
[48.5	4.8 [121] 3.5 To bottom [89] of Tool Holder [89]
€ € € € € € € € € € € € € € € € € € €		Clamshell Body I.5 [39] Tool Holder .25 [6] Shim .76 [19] Tool Holder .76 [19] Tool Holder .76 [19] Tool Holder .76 [19] Tool Holder .76 [19] .76 [19] .77 [180] .76 [19] .76 [19] .76 [19] .77 [180] .77 [180] .78 Air Fittings .77 [17] .77 [17]
Min Pipe OD Rotating	As.5 1232] Components Compo	[176] 4.8 [121] To bottom of Tool Holder 25 (6) Shim Tool Holder 76 (19) Tool Holder 836USS Hydraulic Drive [176]

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