



## DW Guillotine 208/416

Diamond Wire Pipe Cutting Saw

General		Yes	No	Specify
<b>Cutting Capacity</b>	Two models with folding leg design to reduce storage / transport size and improved access to confined spaces. Model 208 for cutting 2" to 8" / Model 416 for cutting 4" to 16".	X		
<b>Operating Envelope</b>	Width of 208 - 13.1" (334mm) legs folded and 22.03" (560mm) legs open Mounting clearance - Model 208 requires 13" (330mm) of exposed pipe			Choose a Model
	Width of 416 - 17.1" (434mm) legs folded and 31" (787mm) legs open Mounting clearance - Model 416 requires 13" (330mm) of exposed pipe			
<b>Cutting Media</b>	Seamless pretensioned diamond infused wire utilizing 46 conical beads per meter.	X		
<b>Pipe Materials</b>	Cuts most types of pipe including steel, ductile, cast iron, concrete (CA), poly, PVC and mixed media.	X		
<b>Supply Requirements</b>	Hydraulic 8 GPM @ 2,000 PSI (30 LPM @138 BAR) or Class 2 tool circuit. Hydraulic drive system allows for fully immersed operation.	X		
<b>Corrosion Protection</b>	Aluminum and stainless steel corrosion resistant construction.	X		

Ergonomics & Safety		Yes	No	Specify
<b>Mounting Clamp</b>	Saw clamps to pipe with a quick, secure chain mounting system, minimizing the risk of tool kickback injuries.	X		
<b>Feed Patent: 10434589</b>	Movement of the cutting media is controlled by top mounted feed screw and operator controls, reducing the risk of injury from being hunched over/under a pipe.	X		
<b>Guarding</b>	Cutting media and drive wheels are contained within the saw's frame guards for safety, with no exposed cutting elements running in an uncontrolled environment.	X		
<b>Handling</b>	Top of frame has lifting handle and accommodation for lifting strap, saw legs fold inward for transport and storage.	X		

Operation		Yes	No	Specify
<b>Pinch Free Cutting</b>	Nothing is inserted into a pipe cut that is not cutting, so no need for shims or wedges to prevent a collapsing pipe from binding the tool.	X		
<b>Cut Load Sensing Patents: #11344959</b>	Cutting wire tension is controlled by a preloaded spring cartridge and monitored by a gauge at the rear of the machine; this mechanism allows one of the two cutting support arms to pivot as cutting load increases to optimize wire life.	X		
<b>Cutting Speed</b>	Average cut speed equals 1 minute per 3" of diameter pipe (12" pipe approximately 4 minutes) depending on material.	X		
<b>Cutting Media Life</b>	Diamond cutting wire is torsionally preloaded so with every revolution the beads rotate, exposing all 360 degrees of the bead, providing long diamond wire bead life.	X		
<b>Coolant Delivery Patents: #10562117</b>	Internal water coolant delivery jets cool the diamond wire entering and exiting the cut, to ensure long wire bead life.	X		
<b>Cut Quality</b>	Saddle mounting insures pipe end is cut square to pipe axis with < .0625" deviation.	X		
<b>Mounting</b>	Can be secured to both horizontal and vertical pipe.	X		

Storage & Accessories		Yes	No	Specify
<b>Transport</b>	Tubular, wheeled steel transport and storage frame provides protection and storage for tools, supplies and portable water coolant supply.			Optional
<b>Portable Coolant</b>	Standard 3.5 gallon portable water coolant tank with pump.	X		
<b>Tool-Free Operation</b>	Setup, operate, service consumables and store without ever needing a hand tool.	X		
<b>Cleanup</b>	Includes equipment wash down nozzle and spray lubricant	X		