

Dictator MILLHOG®

Model D-418
I.D. Clamping Pipe Beveling Tool
4.5" I.D. to 18" O.D.
114.3 mm I.D. to 457.2 mm O.D.

Bevels heavy wall pipe and is easy to use offering an affordable alternative to specialized machines



The Dictator can bevel, face and bore heavy wall pipe at any angle at the same time quickly and accurately for perfect fit-up and precision welding.

The Dictator MILLHOG® pipe tool performs any degree of bevel on pipe up to 18" schedule 160 without cutting fluid while assuring maximum cutter blade life. It has wide self-centering clamps that produce a superior clamping force for chatter-free bevels on all types of highly alloyed pipe.

Simple to operate and maintain, the Dictator features a choice of three motor: pneumatic, electric and hydraulic. They can be easily switched with a simple hex wrench. The tool's robust spur gear drive train and dual opposed bearing system are made of premium steels, heat treated, hardened and designed for trouble free service.

Key Features

- One mandrel and 8 sets of clamps cover entire range
- Wide clamps spread the contact for superior clamping force and rigidity
- Three powerful motor choices that are easily switched and interchangeable with the Commander pneumatic, electric and hydraulic
- Available gear box lowers rpm and doubles the torque at the cutter blade
- The EscoLock cutter blade holding system holds the blades securely in place to produce a thick chip for fast pipe beveling and increased cutter blade life
- Bevels super alloyed pipe
- Patented Safety Spring hanger ensures accurate alignment when clamping
- Low maintenance dual opposed tapered roller bearing design provide years of trouble free service
- Fully portable for on-site use



Dictator II, 4.5" I.D. to 24" O.D. Consult factory for availability

The tools are shown with the available patented Safety Chain Lanyard with Spring Hanger. This innovative hanger provides a perceptible feel that the tool is aligned to the pipe as the clamps tighten. The safety chain prevents the possibility of over extending the spring and provides a failsafe catch in the event of a spring failure.

Pneumatic

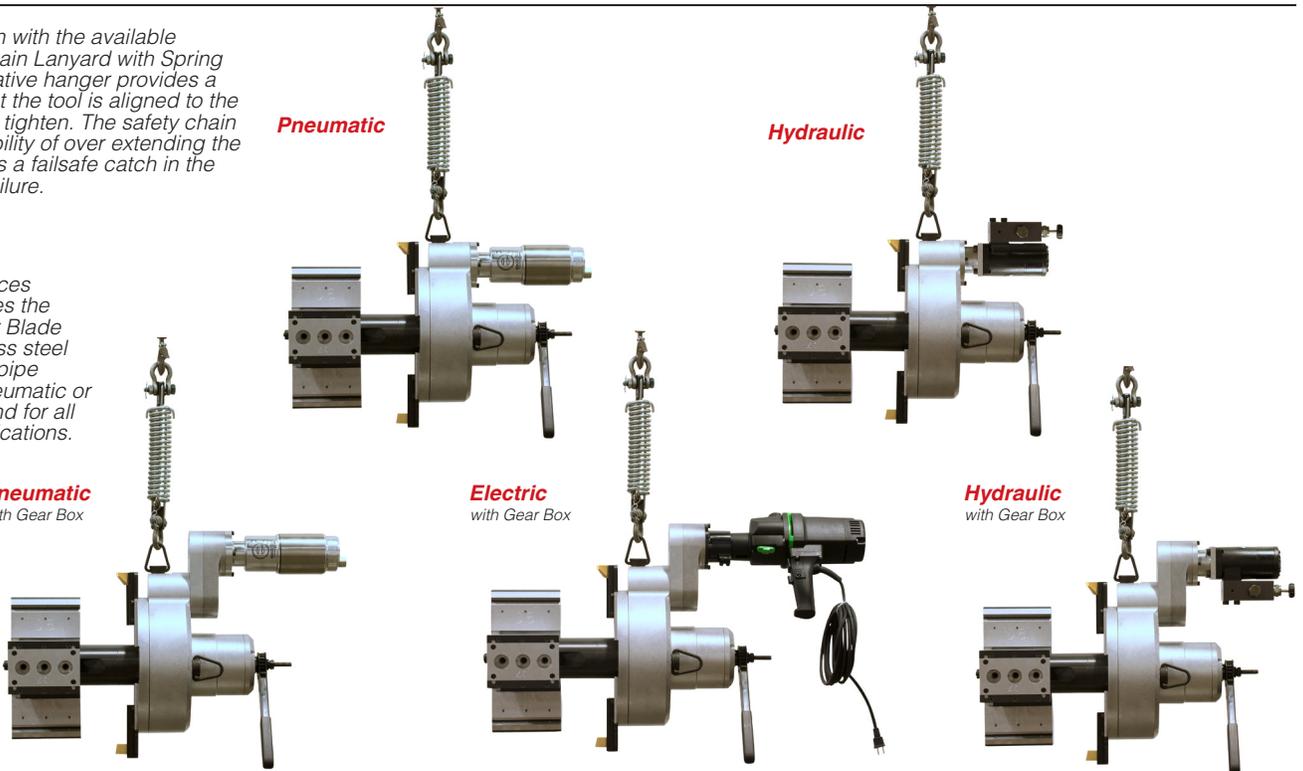
Hydraulic

The Gear Box reduces the rpm and doubles the torque at the Cutter Blade for beveling stainless steel and highly alloyed pipe when using the pneumatic or hydraulic motors and for all electric motor applications.

Pneumatic
with Gear Box

Electric
with Gear Box

Hydraulic
with Gear Box



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Clamp System Features

- Only 8 sets of clamps for entire range
- All clamps work on one Mandrel
- Clamp Pads have replaceable corners
- All key clamping components, including Draw Rod are heat treated and hardened.



Clamp Ribs Sets D-01, D-02 and D-03
Clamp Pad Sets D-04, D-05, D-06, D-07 and D-08
and Retention Spring D-14

Unrivaled Stability and Reliability

MILLHOG® innovative V shaped Clamp Pads make six contact points with the pipe I.D. for unrivaled clamping stability and reliability. Heat treated and hardened steel Pad Corners are used on the Clamp Pads where they make contact with pipe I.D. for maximum durability. When they eventually wear out, they are easily and economically replaced.

Dictator Clamp Rib Selector and corresponding spares
Mandrel, Draw Rod, Actuator, Roll Pins, Retention Bands and Springs

Clamp Set	I.D. Range		Mandrel		Draw Rod	Actuator		Retention Spring		
	in	mm	Part #	Size (in)		Part #	Roll Pin			
D-01	4.5	5.625	114.3	142.9	D-37	4	D-15	D-12	D-13	D-14
D-02	5.5	6.625	139.7	168.3	D-37	4	D-15	D-12	D-13	D-14
D-03	6.5	7.625	165.1	193.7	D-37	4	D-15	D-12	D-13	D-14
D-02 & D-04	7.5	8.625	190.5	219.1	D-37	4	D-15	D-12	D-13	D-14
D-03 & D-04	8.5	9.625	215.9	244.5	D-37	4	D-15	D-12	D-13	D-14
D-02 & D-05	9.5	10.625	241.3	269.9	D-37	4	D-15	D-12	D-13	D-14
D-03 & D-05	10.5	11.625	266.7	295.3	D-37	4	D-15	D-12	D-13	D-14
D-02 & D-06	11.5	12.625	292.1	320.7	D-37	4	D-15	D-12	D-13	D-14
D-03 & D-06	12.5	13.625	317.5	346.1	D-37	4	D-15	D-12	D-13	D-14
D-02 & D-06 & D-07	13.5	14.625	342.9	371.5	D-37	4	D-15	D-12	D-13	D-14
D-03 & D-06 & D-07	14.5	15.625	368.3	396.9	D-37	4	D-15	D-12	D-13	D-14
D-02 & D-08	15.5	16.625	393.7	422.3	D-37	4	D-15	D-12	D-13	D-14
D-03 & D-08	16.5	17.625	419.1	447.7	D-37	4	D-15	D-12	D-13	D-11

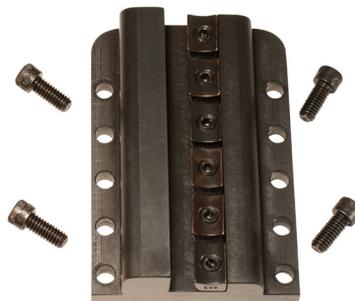
Replacement Clamp Pad Corners and Screws are available for Clamp Pad sets D-04, D-05, D-06, D-07 and D-08.



Mandrel, Draw Rod, Actuator and Roll Pin
D-37, D-15, D-12 and D-13



The EscoLock blade lock system and double threaded lock screw hold the blade securely in place to produce a thick chip that helps prolong blade life by transferring the heat to the chip and away from the Cutter Blade.



Tool Post and Tool Post screws
D-52 and D-55.

Dictator Tool Post, Blade Locks and Screws

Tool Post			Tool Post Screws		Blade Lock		Lock Screw	
Part #	Size	Per Tool	Part #	Per Post	Part #	Per Post	Part #	Per Lock
D-52	5.125	2	D-55	4	D-54	6	D-53	1

* The available third Tool Post is optional



Blade Lock Screw and Blade Lock
D-54 and D-53.



6" (152 mm) of polyethylene is removed from a steel pipe O.D. and beveled for welding spool pieces together.

Specifications: Dictator MILLHOG®

Working Range	4.5in (114.3 mm) I.D. to 18in (457.2 mm) O.D.		
Motor	Pneumatic	Electric	Hydraulic
	3 hp (2237 W) 90 psi (6.2 bar) 95 cfm (2690 lt/min)	120 V AC 50/60 Hz 1800 W, or 230 V AC 50/60 Hz 1800 W	5 HP / 8-12 gpm (pump) @ 1500 psi (102 bar) 20 gallon reservoir
Speed	15 rpm	13 rpm - 45 rpm	1 rpm - 14 rpm
Speed with Off-Set Gear Reducer	7.5 rpm with gear reducer	6.5 rpm - 22.5 rpm	1 rpm - 7 rpm
Minimum Clearance	14.75in (374.7 mm)	14.75 in (374.7 mm)	14.75in (374.7 mm)
Head Length	28in (711.2 mm)	28in (711.2 mm)	28in (711.2 mm)
Working Weight	140 lbs (63.5 kg)	143lbs 64.9 kg)	144 lbs (65.32 kg)
Shipping Weight	290 lbs (131.6 kg)	293 lbs (133 kg)	294 lbs (133.4 kg)
Shipping Dimensions	38in x 20in x 20in 965.2 mm x 508 mm x 508 mm	38in x 20in x 20in 965.2 mm x 508 mm x 508 mm	38in x 20in x 20in 965.2 mm x 508 mm x 508 mm

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Available for Sale or Rent • www.escotool.com