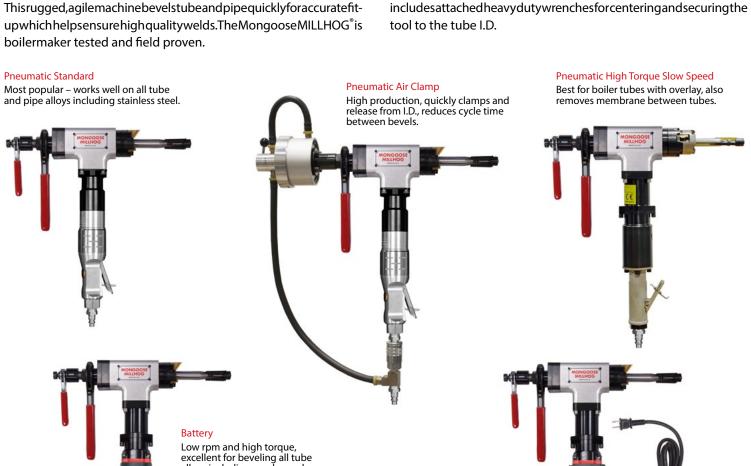
Mongoose MILLHOG®

Kev Features

- Narrow Body 2.25" (27.15 mm)
- Light weight and torgue free
- Interchangeable Pneumatic, Electric or Battery drives are easily switched
- Patented clampsystem, allows the clamps to release from a tube as easily as they tighten without a hammer
- Permanently attached wrenches
- Bevel, face and bore simultaneously
- Ruggeddualopposedtaperedrollerbearingssupportthegeardrivefor nonstop operation
- EscoLockcutterbladeholdingsystemreducesvibrationandmaximizes the number of preps per blade

Boilermaker Tested and Field Proven

Thisrugged, agilemachine bevelst ube and pipequickly for accurate fitupwhichhelpsensurehighqualitywelds.TheMongooseMILLHOG[®] is boilermaker tested and field proven.



alloys including overlay and membrane removal. The battery lasts 15-30 minutes and takes 120 minutes to charge. Best of all it's hose and cord free.

Electric

Convenient plug in power and proprietary gear reduction technology produce high torque and low rpm for superior tube beveling performance on all tube alloys including boiler tube waterwall membrane and overlay removal.

Rugged, fast, reliable

constrained situations with limited access.

and produces a thick chip without cutting fluids.

The Mongoose MILLHOG[®] is a torque free beveling tool for tubes from

mm)widewhichmakesitidealforpowerstationboilertubeworkand

Featuringapatentedpush-pullclampandreleasemechanism, it allows

the clamps to release from a tube as easily as they tighten. Ideal for

beveling, facing and boring on a widerange of tube and pipe alloys, the

Mongoosehasdualopposedtaperedrollerbearingsandemploytherigid

EscoLockbladelockingsystem; which provides chatter-freeperformance

Powered by a choice of pneumatic, electric or battery motors and

available with a large selection of clamping options, every Mongoose

.625" (15.9 mm) |.D. to 3" (76.2 mm) O.D. and is only 2.25" (57.15

I.D. Clamping Tube and Pipe Beveling Tool 0.625" I.D. to 3.0" O.D. 15.9 mm l.D. to 76.2 mm O.D.

Mongoose MILLHOG®

TwoMandrelsareoffered.The.0750" isstandard and is for G-03A—G-13 Clamp Ribs and the Hseries wedge attaches to it for using H series clamps. The 0.625" Mandrel is for G-02A Clamp Ribs.

Rib Set G-02A .625 G-03A .750 G-04 .875 G-05 1.000 G-06 1.125 G-07 1.250 G-08 1.375 G-09 1.500 G-10 1 625 G-11 1.750 G-12 G-13 2.000 H-02 1.525 H-03



The G Series Clamps are used on the

0.625" Mandrel and the .0750" Mandrel

MG-38, MG-01 and MG-57.

H-04

H-05



3.0" for use

can hold 3 Cutter Blades.

emoval and bevel

2.250" for use with MG-38

with MG-38





2.50" for use with MG-38.

removal heads use round tapered inserts that can be rotated when worn and install and removed with a tap from a hamr



overlay removal and bevel

Standard membrane/ overlav heads cut to a depth of 0.75" before the bevel blade begin to prep the tube. Pictured is a custom head that removes 4.0".



Specifications: Mongoose MILLHOG®		
Working Range	.625in (15.9 mm) I.D. to 3in (76.2 mm) O.D.	
Motor	Pneumatic	Pneumatic Air Clamp
	1.07 hp (800 W)	1.07 hp (800 W)
	90 psi (6.2 bar)	90 psi 6.2 bar
	35 cfm (990 lt/min)	35 cfm 990 lt/min
Speed	108 rpm	108 rpm
Minimum Width Clearance	2.25in (57.2 mm)	3.625in (92.1 mm)
Head Length	15.25in (387.4 mm)	18.5in (470 mm)
Working Weight	14.8 lbs (6.7 kg)	17.1 lbs (7.75 kg)
Shipping Weight	32.05 lbs (14.53 kg)	41.95 lbs (19.02 kg)
Shipping Dimensions	20in x 18in x 5in	24in x 20in x 7in
	508 mm x 457 mm x 127 mm	610 mm x 51 mm x 178 mm

esco tool • 75 October Hill Road • Holliston, MA 01746 USA • 1.508.429.4441 • fax 1.508.429.2811 • email: millhog@escotool.com Available for Sale or Rent • www.escotool.com

15.25in (387.4 mm

32.85 lbs (14.9 kg)

508 mm x 457 mm x 127 mm

15.6 lbs(7.1 kg)

20in x 18in x 5in

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I.D. Clamping Tube and Pipe Beveling Tool 0.625" I.D. to 3.0" O.D. 15.9 mm l.D. to 76.2 mm O.D.

Mongoose Clamp Rib Selector and corresponding spares Mandrel, Draw Rod, Actuator, Retention Bands and Springs I.D. Range Mandre Roll Retention Part # Rod Pin Band Spring mm Size Actuat .780 19.8 MG-38/ .625 MG-16 MG-01A MG-14 G-14F 15.9 .750 MG-16 MG-01 .905 19.1 22.9 MG-38 MG-14 G-14F 1.030 22.3 26.1 MG-38 .750 MG-16 MG-01 MG-14 G-14 1.155 25.4 29.3 MG-38 .750 MG-16 MG-01 MG-14 G-14 1.280 MG-38 .750 MG-16 MG-01 MG-14 28.6 32.5 G-14 1.405 31.8 MG-38 .750 MG-16 MG-01 MG-14 G-14 35.6 1.530 35.0 38.8 MG-38 .750 MG-16 MG-01 MG-14 G-14 1.655 38.1 MG-38 .750 MG-16 MG-01 MG-14 42.0 G-14 MG-38 .750 MG-01 1 780 41 3 MG-16 MG-14 45 2 G-14 1.905 44.5 48.3 MG-38 .750 MG-16 MG-01 MG-14 G-14 MG-38 1.875 2.030 47.7 51.5 .750 MG-16 MG-01 MG-14 G-14 2.155 51.0 54.7 MG-38 .750 MG-16 MG-01 MG-14 G-14 1.925 28.8 48.9 MG-38 & MG-59 .750 MG-16 MG-57 MG-58 H-14B 1 850 2 250 47 0 572 MG-38 & MG-59 .750 MG-57 MG-58 MG-16 H-14B 2.175 2.575 55.3 65.4 MG-38 & MG-59 .750 MG-16 MG-57 MG-58 H-14B 2 500 2 900 63 5 73 7 Attaches to H-02 Draw Rod is made of Heat Treated High 0.625" Mandrel, Actuator and Roll Pin Strength Steel for maximum durality, MG-16 MG-38A, MG-01A and MG-14. . O Retention Band and Springs 0.750" Mandrel, Actuator and Roll P G-14F, G-14 and H-14B. MongooseCutterheadBladeLockandScrews Blade Lock Cutterhead Mandre Lock Screw Size Part # Part # Size Part # Per Head Part # Per Loc 2.250 MG-38A MG-28C .625 MG-25 MG-24 MG-28 2.250 MG-38 .750 MG-25 MG-24 3 1 2.500 MG-38 .750 MG-25A MG-24 MG-28A 6 1 MG-28B 3.000 MG-38 .750 MG-25B Blade Locks and Blade 6 MG-24 Lock Screw for MG-25, Blade Locks and double threaded screws to reduce Cutter Blade vibration and MG-25A and MG-8. control heat for long life. Base Head with O.D. Membrane and Overlav Head Membrane and Overlav Heads bevel Cutter Blade look similar Overlav Heads have a attach to the Base Head slightly smaller circumf MongooseMembraneRemovalHeads MongooseOverlay Removal Heads Overlay Membrane Base Base Inserte Inserts Head Head Hear Head Part# Part# Qty Size Part # Part # Qty Size Part # Part # 1.187 MO-103 /GB-103 MRB-8 4 1.187 MO-203 MGB-103 MRB-8 1.250 MO-204 MGB-104 MRB-8 1.250 MRB-8 MO-104 MGB-104 4 1.375 MO-105 MGB-106 MRB-8 4 1.375 MO-205 MGB-106 MRB-8 Δ MGB-106 1.500 MO-206 MGB-106 MRB-8 1.500 MO-106 MRB-8 5 1.625 MO-207 MGB-106 MRB-8 1.625 MO-107 MGB-106 MRB-8 5 1.750 MO-208 MGB-106 MRB-8 1.750 MO-108 MGB-106 MRB-8 5 2.000 MO-209 MRB-8 MGB-106 2.000 MO-109 MGB-106 MRB-8 High Torque Slow Speed Battery / *Charger Electric 20 V 8 5 A 50/60 Hz 950 W o 18V Li-Ion - up to 5.2 Ah 1.25 hp (932 W) 90 psi 6.2 bar 220 - 240 V 4 4 A 50/60 Hz 950 W *115V / 60 Hz. or 40 cfm (990 lt/min *220 - 240 V 50-60 Hz 14 rpm - 58 rpm 100 rpm 43 rpm 2.25in (57.2 mm) 2.25in (57.2 mm) 2.25in (57.2 mm)

15.25in (387.4 mm)

15.9 lbs (7.21 kg)

40 lbs (18.14 kg)

24in x 20in x 6in

610 mm x 508 mm x 152 mm

15.25in (387.4 mm

40.6 lbs (18.41 kg)

610 mm x 50 8 mm x 152 mn

24in x 20in x 6in

16.4 lbs (7.44kg)