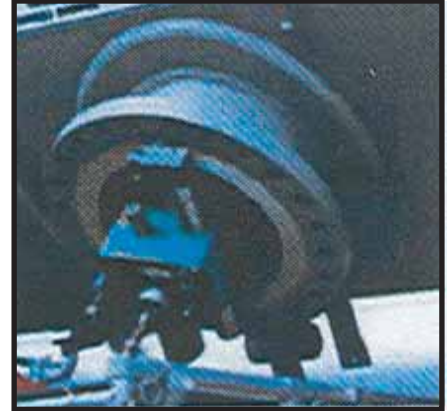


## FLANGE FACING EQUIPMENT

The ability to machine damaged flanges on-site can cut maintenance and shutdown costs considerably. Set up in minutes rather than hours, the smooth operation of each machine, combined with accuracy, results in exceptional flange face finish.

From 0" to 144" ID or OD mount, INTEGRA has flange facing equipment to fit applications from standard raised face to RTJ type flanges, manway covers and heat exchangers



## PIPECUTTING EQUIPMENT

INTEGRA's line of D.L. Ricci Corp. narrow body clamshells are lightweight and highly durable machines. Easy to set up and operate, the NB range of clamshells is capable of severing, beveling, ID boring, facing, and OD turning.

Special purpose machines are available to suite the wide range of pipe diameters, wall thickness and restricted access areas.

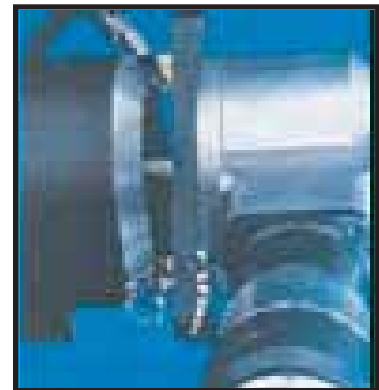
The ability to simultaneously cut and weld prep is advantageous on many applications



## BEVELING TOOLS

Designed for square, bevel, counter bore/ID Chamfer, and cut end prep configurations, the ESCO range of beveling tools feature expanding internal torque accepting mandrels and come complete with motor, air filter/lubricator, and custom tooling for the application.

Available from 0.5" ID to 18" OD Schedule 160



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## BORING BARS

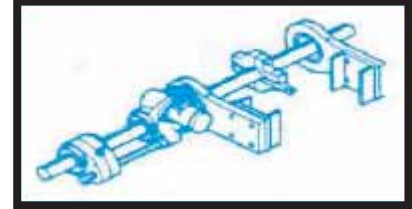
The BB2020, with a 1.2" bar all-in-one rotational drive and axial feed, is our most compact boring bar.

With its 0.6hp motor, the BB2020 still has the power to get the job done on hinge points, pin holes, buckets, axle sleeves and bearing seats.

The BB1149 is a compact, powerful and versatile portable bar for blind boring and line boring.

Modular components allow you to place the rotational drive and feed unit any place on the bar for increased versatility.

Boring Diameter	1.5" – 5" (39-127mm)
Maximum Stroke	10" (254mm)
Maximum Torque @ Bar	40 ft/lb (54 N/m)
Power Opt.	E



Boring Diameter	2.5" – 24" (63.5-610mm)
Maximum Stroke	24" (609.6)
Maximum Torque @ Bar	417 ft/lb (567 N/m)
Power Opt.	E, H

## KEY MILLS

The KM65 weighs only 55lbs (25kg) and only needs 1.5" (38mm) of stub shaft clamping. It will cut a new 6" (152mm) keyway in five minutes.

You can use the KM65 to cut motor mount slots, flats and other milling operations. V-base is self-aligning. Triple gear reduction and sealed lubrication. 1 hp motor (0.75kW), 115V with speed control.

Mounting Diameter	1.5-10.5" (38-226mm)
Keyway Length	6" (152mm)
Keyway Width	1.25" (32mm)
Shaft for Clamping	1.5" (38mm)
Power Options	E



## LATHES

The PL1150 Portable Lathe can re-turn shafts from 4 to 11.25" (102-285mm) in diameter (with optional tool holders).

Attaches directly to the shaft with adjusting screws.

Solid steel turning bar and counterbalanced body for smooth turning. Automatic feed from 0.003 to 0.11" (0.08 - 0.28mm) per revolution. Pneumatic and electric power with planetary drive/ring gear controls rotational speed.

Shaft Diameter	4.0-11.25" (102-258mm)
Max. Turning Reach	22" (558mm)
Power	P



Power Key: E=Electric; P=Pneumatic, H=Hydraulic; Inches (mm)

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