

# BAND CRAWLER CUTTING & BEVELLING MACHINE

10 - 60" / 254 - 1,524 mm



PRODUCT BROCHURE



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## 10 - 60" / 254 - 1,524 mm

The ideal solution for cutting and beveling in close quarters, the Band Crawler requires as little as 10" / 254 mm of clearance around the pipe. Install the stainless steel band anywhere on the pipe and it conforms to the pipe shape, producing a consistent precise bevel, even on severely out-of-round pipe.

The lightweight Band Crawler can be quickly set up and operated by one person on pipe as large as 60" / 1,524 mm. Bands 48" / 1,219 mm and larger feature a standard stiffening rib which simplifies one-person set-up.



**Precise** - Band conforms precisely to the out-of-round condition of the pipe to maintain consistent cutting tip distance from pipe surface

**Simple** - One person can set up and cut horizontal or vertical pipes as large as 48" / 1,219 mm

**Low profile** - Requires as little as 10.5" / 267 mm of radial clearance

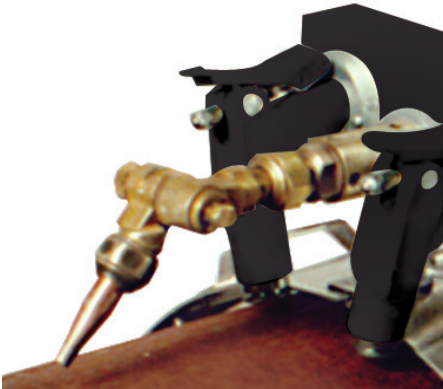
**One size fits all** - One Band Crawler fits all band sizes

**Fast** - 60% faster than hand cutting and grinding

**Motorized** - Available with PLASMASPEED digital motor control

PART NO.	MODEL	PACKAGED WEIGHT	
05.0116.009	Band crawler with 9' / 2.7 m flexible drive cable	26 lbs	11.70 kg
05.0116.014	Band crawler with 14' / 4.3 m flexible drive cable	30 lbs	13.50 kg
05.0116.S01	Motorized PLASMASPEED band crawler 110/230 VAC	10 lbs	4.50 kg
05.0116.SA1	PLASMASPEED retro fit kit 110/230 VAC	10 lbs	4.50 kg

**TORCH ANGLE HEAD ADAPTOR**



Allows the torch tip to be adjusted for any angle from a square cut (no bevel) to a bevel angle up to 90 degrees while also allowing torch lead or lag angle adjustment.

**RIGHT ANGLE DRIVE ADAPTOR**

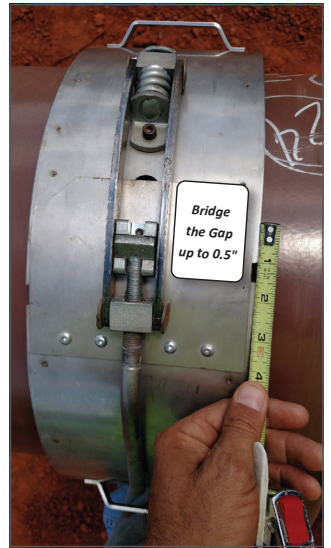
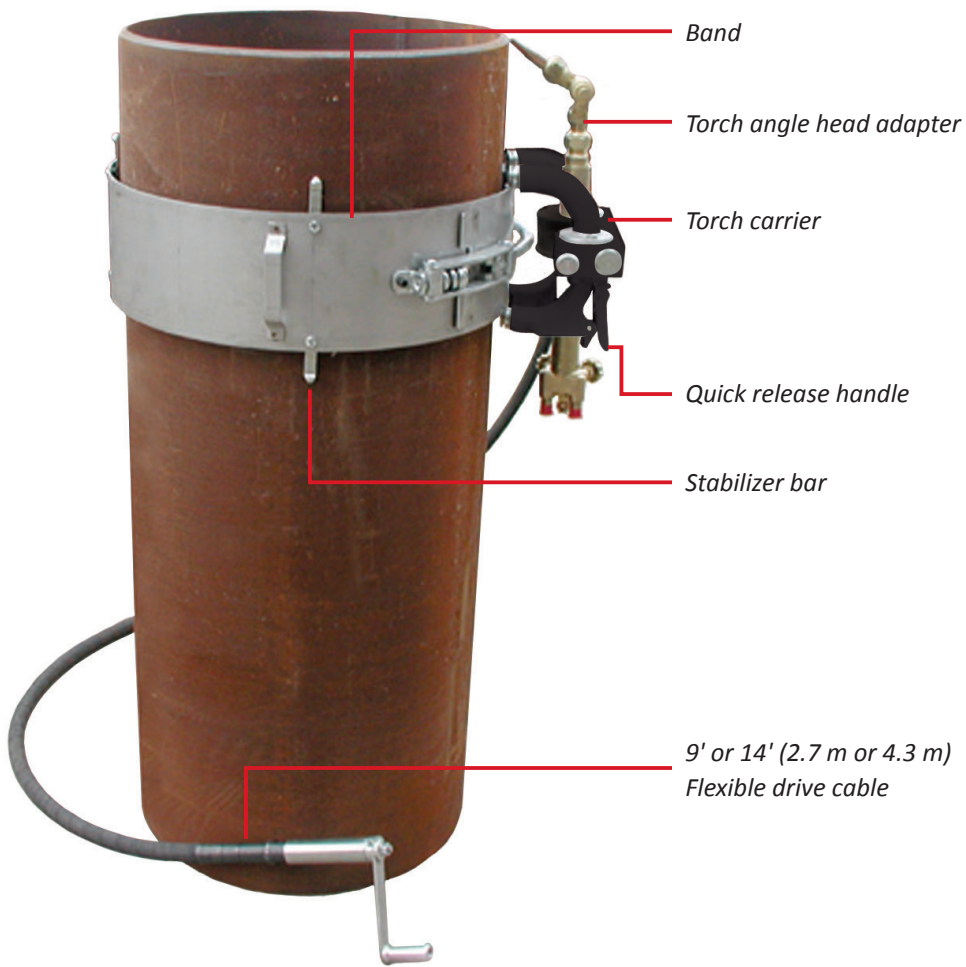


Permits the flexible drive cable to pivot 180 degrees on the end of the band crawler, lowering the profile of the crawler to 6" / 168.2 mm.

**PLASMASPEED**



The motorized PLASMASPEED band crawler can increase cutting and beveling efficiency of large diameter pipes up to 60% and is the quickest and easiest cutting tool to set up on vertical pipe.



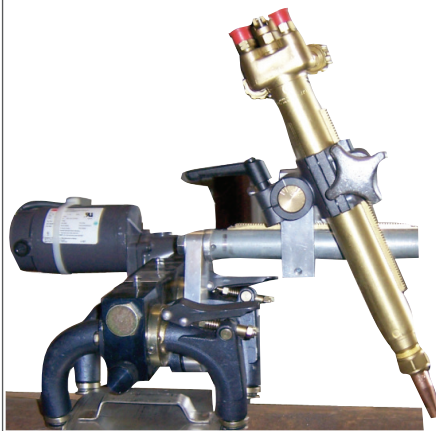
*Motorized version and  
motorizing kits available*

#### DRIVE CABLE



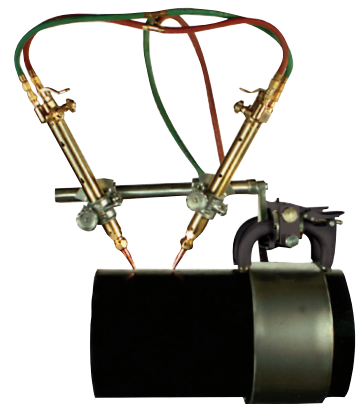
Enables the motorized band crawler to be retrofitted to manual operation.  
Available in 9' / 2.7 m and 14' / 4.3 m lengths.

#### RACK ADJUSTABLE TORCH ARM



Allows both horizontal and vertical adjustment of the torch in relationship to the pipe surface.

#### DOUBLE TORCH ARM



Makes two cuts and bevels simultaneously, reducing cutting time and labor.



## BAND CRAWLER BETTER BANDS

- No more special sized bands, Better Bands Bridge the Gap - up to 3 times more gap allowance than any other bands on the market
- Patented 'staggered' latching system for improved setup
- Ensures maximum traction for the machine, maintaining 3 points of contact at all times
- Industry leading gap allowance allows one size to work on coated or out of round pipe
- Consistent speed and travel of the machine equals improved cut quality



### TECHNICAL SPECIFICATION

Bridge the Gap

PART NO.	PIPE SIZE		PACKAGED WEIGHT	
05.0204.010	Band - 10"	Band - 254 mm	7 lbs	3.20 kg
05.0204.012	Band - 12"	Band - 304 mm	7 lbs	3.20 kg
05.0204.014	Band - 14"	Band - 356 mm	11 lbs	5.00 kg
05.0204.016	Band - 16"	Band - 406 mm	12 lbs	5.40 kg
05.0204.018	Band - 18"	Band - 457 mm	13 lbs	5.90 kg
05.0204.020	Band - 20"	Band - 508 mm	14 lbs	6.30 kg
05.0204.022	Band - 22"	Band - 559 mm	15 lbs	6.80 kg
05.0204.024	Band - 24"	Band - 610 mm	24 lbs	10.80 kg
05.0204.026	Band - 26"	Band - 660 mm	25 lbs	11.30 kg
05.0204.028	Band - 28"	Band - 711 mm	25 lbs	11.30 kg
05.0204.030	Band - 30"	Band - 762 mm	25 lbs	11.30 kg
05.0204.032	Band - 32"	Band - 813 mm	27 lbs	12.20 kg
05.0204.034	Band - 34"	Band - 864 mm	27 lbs	12.20 kg
05.0204.036	Band - 36"	Band - 914 mm	29 lbs	13.10 kg
05.0204.038	Band - 38"	Band - 965 mm	31 lbs	14.00 kg
05.0204.040	Band - 40"	Band - 1,016 mm	33 lbs	14.90 kg
05.0204.042	Band - 42"	Band - 1,067 mm	36 lbs	16.20 kg
05.0204.044	Band - 44"	Band - 1,118 mm	39 lbs	17.60 kg
05.0204.046	Band - 46"	Band - 1,168 mm	43 lbs	19.40 kg
05.0204.048	Band - 48"	Band - 1,219 mm	47 lbs	21.20 kg
05.0204.050	Band - 50"	Band - 1,270 mm	54 lbs	24.30 kg
05.0204.052	Band - 52"	Band - 1,321 mm	54 lbs	24.30 kg
05.0204.054	Band - 54"	Band - 1,372 mm	59 lbs	26.60 kg
05.0204.056	Band - 56"	Band - 1,422 mm	65 lbs	29.30 kg
05.0204.058	Band - 58"	Band - 1,473 mm	70 lbs	31.50 kg
05.0204.060	Band - 60"	Band - 1,524 mm	75 lbs	33.80 kg

### BAND CRAWLER ACCESSORIES

PART NO.	DESCRIPTION	PACKAGED WEIGHT	
05.0116.SA1	PLASMASPEED retro fit kit 110/230 VAC	26 lbs	11.70 kg
05.0116.032	Rack-adjustable torch arm	3 lbs	1.40 kg
05.0116.039	Double torch arm	4 lbs	1.80 kg
05.0116.030	Right angle drive adapter (for drive cable)	2 lbs	0.90 kg
05.0200.003	Torch angle head adapter	1.20 lbs	0.50 kg