



TRI TOOL INC.

TRI TOOL INTERNATIONAL INC.

3806 Security Park Drive., Rancho Cordova, CA 95742-6990 U.S.A. 916-351-0144 800-345-5015 FAX 916-351-0372 ttcustserv@aol.com www.tritool.com

TRI TOOL INC. TECHNICAL SPECIFICATION MODEL 224B SINGLE POINT JULY, 1999

MODEL 224B SINGLE POINT

The Model 224B Single Point is supplied as a kit with modular components assembled onto the face of the 224B BEVELMASTER™. The 224B then mounts on the flange or pipe I.D. When used in conjunction with the 224B Single point / Flange Facer Kit miters to align to the flange face.

The 224B Single Point Kit comes complete with:

- | | | |
|----|--|-------|
| a. | Feed Gear Housing Assembly | 1 ea. |
| b. | Adaptor Plate Assembly | 1 ea. |
| c. | Valeron Insert | 1 ea. |
| d. | Feed Gear Assembly | 1 ea. |
| e. | Tool Holder | 1 ea. |
| f. | Cutter Assembly | 1 ea. |
| g. | Case | 1 ea. |
| h. | All required operator's wrenches and mounting hardware | 1 kt. |
| i. | Operator's manual | 1 ea. |

Design and Operating Features:

1. Easy to assemble kit bolts directly to the face of the 224B without any modification to the machine.
2. 5" (127mm) of feed length for heavy wall pipe and flange faces.
3. Slide assembly has infinitely variable bevel angle adjustment between 0 and 37 1/2 °.
4. 18.23" (463.0mm) of total radial travel and adjustment for large pipe and flange cutting ranges.
5. 8 different feed rate settings between .005" (.127mm) and .032" (.813mm) per revolution for a variety of cutting and grooving applications.

Copyright© proprietary property of TRI TOOL Inc. No reproduction, use or duplication of the information shown hereon is permitted without the express consent of TRI TOOL Inc.

Specifications:

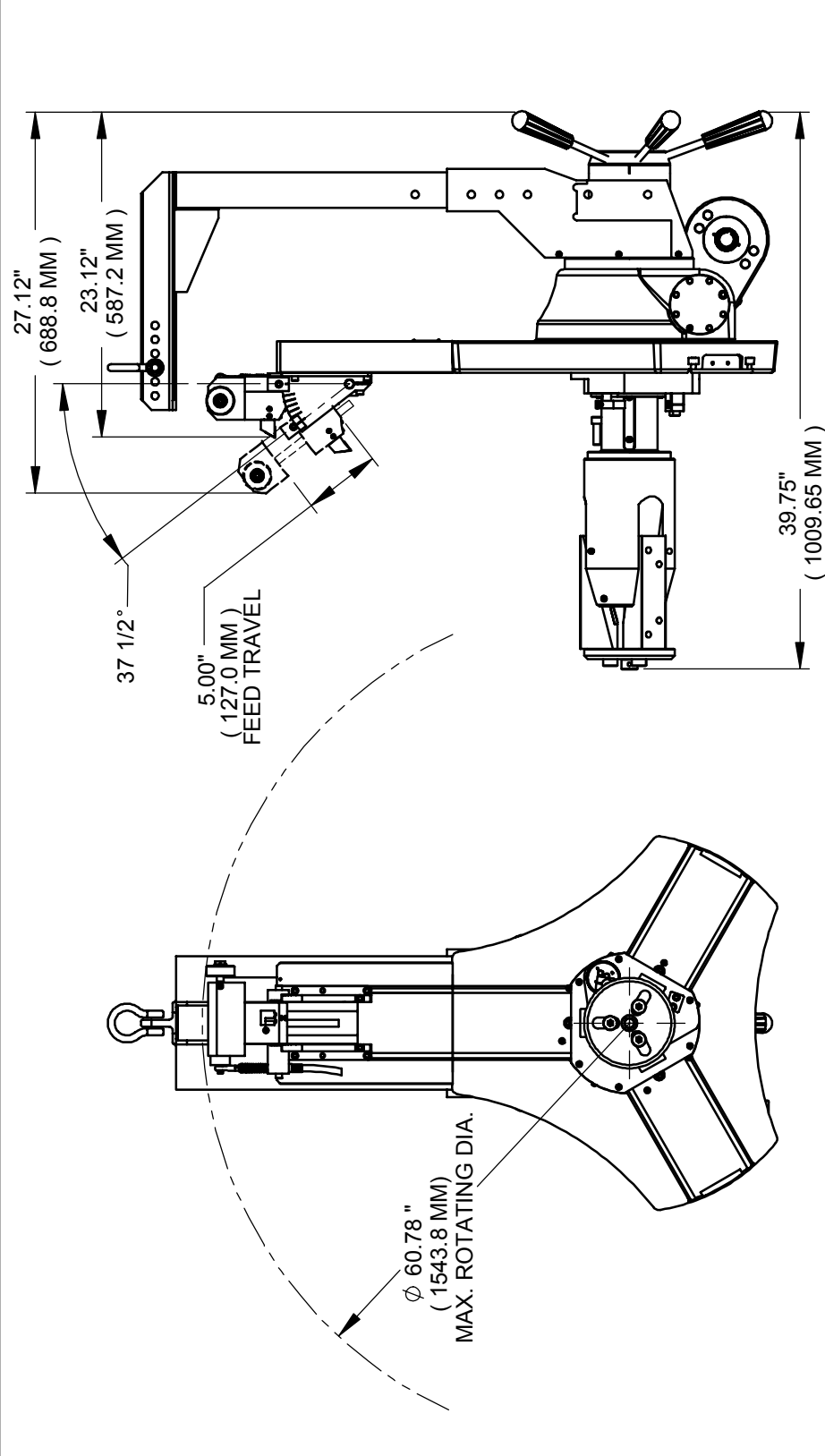
1. Reference Envelope Drawing No. 77-1623.
2. Beveling Angles:
0 to 37 1/2° graduated bevel angle adjustment.
3. Range, Beveling:
7.00" (177.8mm) diameter to 42.00" (1066.8mm) diameter cutting range at 37 1/2°.
4. Range, Flange Facing:
12.00" (304.8mm) diameter to 50.00" (1270.0mm) diameter cutting range.
5. Feed Travel:
5.0" (127.0mm) nominal (radial)
6. Alignment:
When used in conjunction with the 224B Miter Head Mandrel:
Angular – plus or minus 5°
Off set – plus or minus .19" (4.83mm)
7. Feed:
8 selectable positions between .005" (.127mm) / rev. and .032" (.803mm) / rev. inclusive.
8. Cutting:
.200 max. cut depth / pass.
63 RMS finish may be obtained depending on material.
Spiral grooves as coarse as 31 grooves per inch when grooving.
Machines stainless and carbon.

Spare parts and standard tool bits are available from stock. Engineering design services for custom tool bits and special function modifications are available from the factory.

All Tri Tool and allied equipment products are subject to design improvements and specification changes at any time with no obligation to units already sold.

Warranty (limited), parts and/or equipment are warranted against defects in material and workmanship for a period of one year from date of purchase. Full details supplied on request and/or with tools.

Filter, regulator, lubricator required to protect warranty on air powered tools.



COMPANY CONFIDENTIAL
 PROPRIETARY PROPERTY OF TRI TOOL INC.
 NO REPRODUCTION, USE, OR DUPLICATION OF THE
 DESIGNS SHOWN HEREON IS PERMITTED WITHOUT
 EXPRESS WRITTEN CONSENT FROM TRI TOOL INC.
 3806 SECURITY PARK DRIVE, RANCHO CORDOVA, CA 95742
 COPYRIGHT TRI TOOL INC.

CONTRACT NO. **ER-8138**

APPROVALS	DATE
DRAWN TIMBERLAKE	7/1/99
CHECKED	
ISSUED	

TRI TOOL INC
 3806 SECURITY PARK DRIVE, RANCHO CORDOVA, CA 95742

ENVELOPE DRAWING

224B SINGLE POINT MODULE

SIZE	SOLID WORKS AVAILABLE	DWG. NO.	REV.
A		77-1623	

SCALE 1 / 1 CAD MODEL 224B-SP ENV. SLDASM SHEET 1 OF 1