

Model no. 1653

NOTCH MILLING MACHINE



According to

ISO 13479

The notch test tests the resistance of PE pipes to slow crack growth. The notch milling machine produces V-shaped notches in polyolefin pipes in accordance with ISO 13479. The notched pipes are then subjected to a pressure test.

EASY AND SAFE OPERATION

- > Convenient operation and clear visualisation via integrated touch display
- > Fixation of the test sample with power-driven holder and torque-limiting friction coupling

RELIABLE TEST RESULTS

- > Automatic computing of the zero point of each milling process
- > calibration by means of supplied reference gauge

LASTING EFFICIENCY

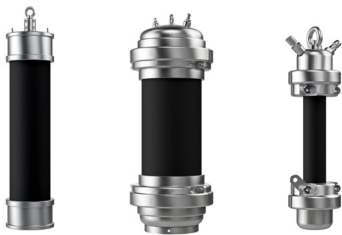
- > High-quality unit components guarantee high reliability, a long service life and low maintenance costs

STATE-OF-THE-ART TECHNOLOGY

- > Integrated touch display

VERSION NOTCH MILLING MACHINE		V1653-0004
Pipe outside diameter	mm	63 – 630
Max. pipe length	mm	2,000
Notch length	mm	50 – 650
Wall thickness	mm	> 5
Adapter for test sample size 1: 63 – 160 mm Ø		✓
Adapter for test sample size 2: >160 – 315 mm Ø		✓
Adapter for test sample size 3: >315 – 630 mm Ø		✓
V MILLING HEAD		✓
Diameter	mm	200
Number of cutting teeth		20
Rotational speed of motor	1/min	703
Rapid longitudinal feed rate	mm/min	940
Slow longitudinal feed rate	mm/min	140
Cutting feed rate in line with standard ISO 13479	mm/rev	0.01 / tooth
SLOT CUTTER		+
Diameter		16
Number of cutting teeth		2
Rotational speed of motor	1/min	7,800
Rapid longitudinal feed rate	mm/min	940
Slow longitudinal feed rate	mm/min	140
Cutting feed rate in line with standard ISO 13479	mm/rev	0.01 / tooth
Face milling cutter for wall thicknesses >50 mm		+
Swarf extraction system		+
Groove measuring instrument		+
CE conformity		✓
Permissible ambient temperature	°C	+5 to +30
Permissible relative humidity	%	max. 70 non-condensing
Noise emission	dB(A)	< 70
Width x Height x Depth	mm	2,250 x 2,210 x 1,100
Weight	kg	560
Voltage data		230/400 V, 50/60 Hz * other voltages
✓ included		+ available/optional
O eligible		– not available
		* available upon request

ACCESSORIES NOTCH MILLING MACHINE

Product	Description	Model no.
	Test bath	1751 - 1757
	Pipe tester	1720 1774
	Endclosures	1732 1784 1685
