

MULTICEN-MAX

Multifunctional / Tube Processing Center



Bending



37° Flaring



Deburring



Preassembly



Cutting

Description: Ideal for production tube processing, the top of the line MULTICEN-MAX performs bending, cutting, 24° ring pre-assembly, 37° flaring and deburring. Comes with a touch-screen, electronic control with the ability to store bending and flaring specifications. Optional electronic foot pedals available.

Tube Materials:

Stainless (AISI 316 TI) or Carbon (ST37.4) Steel

Cutting

Maximum Diameter (in) 4.9

Bending

Tube Size, General Tube (in) 1/4 - 1 1/2

Tube Size, AISI 316 TI (Max Ø x thickness) (in) 1 1/4 x 0.15

Tube Size, AISI 316 TI (Max Ø x thickness) (in) 1 1/2 x 0.12

Tube Size, ST 37.4 (Max Ø x thickness) (in) 1 1/4 x 0.20

Tube Size, ST 37.4 (Max Ø x thickness) (in) 1 1/2 x 0.12

Max Bending Angle 180°

24° Preassembly

Tube Diameter Range (in) 0.236 - 1.654

Tube Max Width (in) 0.15

37° Flaring

Tube Diameter Range (in) 1/4 - 1 1/2

Tube Max Width (in) 0.15

Deburring

Tube Size Range (in) 0.236 - 1.654

Multicenter Size

L x W x H (in) 55.1 x 31.5 x 59.0

Weight (lbs) 882

Part Number

MULTICEN-MAX-230/3

Motor Info

6.0 HP (230 V) 3 PH

Included Accessories:



Touch Screen
Electronic Control



Tool Holder



Electric Foot
Pedals (Bending)
PEDAL-MULT



Electronic Foot
Pedals (Flaring)
PEDAL-ES

Optional Accessories:

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MULTICEN-MAX

Bending



Bending Tools for MULTICEN-MAX

Part Number	Description	Min. Bend Radius (mm)	Max. Bend Angle (°)
BENDTOOL-MAX-6	Bending Tool Ø 6 mm	20.0	180
BENDTOOL-MAX-8	Bending Tool Ø 8 mm	22.0	180
BENDTOOL-MAX-10	Bending Tool Ø 10 mm	25.0	180
BENDTOOL-MAX-12	Bending Tool Ø 12 mm	25.0	180
BENDTOOL-MAX-14	Bending Tool Ø 14 mm	35.0	180
BENDTOOL-MAX-15	Bending Tool Ø 15 mm	35.0	180
BENDTOOL-MAX-16	Bending Tool Ø 16 mm	40.0	180
BENDTOOL-MAX-18	Bending Tool Ø 18 mm	40.0	180
BENDTOOL-MAX-20	Bending Tool Ø 20 mm	50.0	180
BENDTOOL-MAX-22	Bending Tool Ø 22 mm	50.0	180
BENDTOOL-MAX-25	Bending Tool Ø 25 mm	65.0	180
BENDTOOL-MAX-28	Bending Tool Ø 28 mm	75.0	180
BENDTOOL-MAX-30	Bending Tool Ø 30 mm	90.0	180
BENDTOOL-MAX-32	Bending Tool Ø 32 mm	90.0	180
BENDTOOL-MAX-35	Bending Tool Ø 35 mm	95.0	180
BENDTOOL-MAX-38	Bending Tool Ø 38 mm	95.0	180
BENDTOOL-MAX-42	Bending Tool Ø 42 mm	115.0	180
BENDTOOL-MAX-50	Bending Tool Ø 42 mm	135.0	180

Part Number	Description	Min. Bend Radius (mm)	Max. Bend Angle (°)
BENDTOOL-MAX-1/4	Bending Tool Ø 1/4"	0.78	180
BENDTOOL-MAX-5/16	Bending Tool Ø 5/16"	0.86	180
BENDTOOL-MAX-3/8	Bending Tool Ø 3/8"	1.00	180
BENDTOOL-MAX-1/2	Bending Tool Ø 1/2"	1.00	180
BENDTOOL-MAX-5/8	Bending Tool Ø 5/8"	1.57	180
BENDTOOL-MAX-3/4	Bending Tool Ø 3/4"	1.97	180
BENDTOOL-MAX-7/8	Bending Tool Ø 7/8"	1.97	180
BENDTOOL-MAX-1	Bending Tool Ø 1"	2.55	180
BENDTOOL-MAX-1 1/4	Bending Tool Ø 1 1/4"	3.54	180
BENDTOOL-MAX-1 1/2	Bending Tool Ø 1 1/2"	3.74	180

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Preassembly



Note: Metric Tube Nuts (MTN Series) and Bite Sleeves (MBS Series) available.

Refer to Kuriyama Hydraulic Connections Catalog pgs. 214-216.

Preassembly Plates for MULTICEN-MAX

Part Number	Description	Tubing OD (mm)
PREPLATE-MAX-6	Preassembly Plate Ø 6 mm	6.0
PREPLATE-MAX-8	Preassembly Plate Ø 8 mm	8.0
PREPLATE-MAX-10	Preassembly Plate Ø 10 mm	10.0
PREPLATE-MAX-12	Preassembly Plate Ø 12 mm	12.0
PREPLATE-MAX-14	Preassembly Plate Ø 14 mm	14.0
PREPLATE-MAX-15	Preassembly Plate Ø 15 mm	15.0
PREPLATE-MAX-16	Preassembly Plate Ø 16 mm	16.0
PREPLATE-MAX-18	Preassembly Plate Ø 18 mm	18.0
PREPLATE-MAX-20	Preassembly Plate Ø 20 mm	20.0
PREPLATE-MAX-22	Preassembly Plate Ø 22 mm	22.0
PREPLATE-MAX-25	Preassembly Plate Ø 25 mm	25.0
PREPLATE-MAX-28	Preassembly Plate Ø 28 mm	28.0
PREPLATE-MAX-30	Preassembly Plate Ø 30 mm	30.0
PREPLATE-MAX-32	Preassembly Plate Ø 32 mm	32.0
PREPLATE-MAX-35	Preassembly Plate Ø 35 mm	35.0
PREPLATE-MAX-38	Preassembly Plate Ø 38 mm	38.0
PREPLATE-MAX-42	Preassembly Plate Ø 42 mm	42.0

Preassembly Sockets for MULTICEN-MAX

Part Number	Description	Tubing OD (mm)
PRESOCK-MAX-6L	Preassembly Socket Ø 6 mm	6.0
PRESOCK-MAX-6S	Preassembly Socket Ø 6 mm	6.0
PRESOCK-MAX-8L	Preassembly Socket Ø 8 mm	8.0
PRESOCK-MAX-8S	Preassembly Socket Ø 8 mm	8.0
PRESOCK-MAX-10L	Preassembly Socket Ø 10 mm	10.0
PRESOCK-MAX-10S	Preassembly Socket Ø 10 mm	10.0
PRESOCK-MAX-12L	Preassembly Socket Ø 12 mm	12.0
PRESOCK-MAX-12S	Preassembly Socket Ø 12 mm	12.0
PRESOCK-MAX-14S	Preassembly Socket Ø 14 mm	14.0
PRESOCK-MAX-15L	Preassembly Socket Ø 15 mm	15.0
PRESOCK-MAX-16S	Preassembly Socket Ø 16 mm	16.0
PRESOCK-MAX-18L	Preassembly Socket Ø 18 mm	18.0
PRESOCK-MAX-20S	Preassembly Socket Ø 20 mm	20.0
PRESOCK-MAX-22L	Preassembly Socket Ø 22 mm	22.0
PRESOCK-MAX-25S	Preassembly Socket Ø 25 mm	25.0
PRESOCK-MAX-28L	Preassembly Socket Ø 28 mm	28.0
PRESOCK-MAX-30S	Preassembly Socket Ø 30 mm	30.0
PRESOCK-MAX-35L	Preassembly Socket Ø 35 mm	35.0
PRESOCK-MAX-38S	Preassembly Socket Ø 38 mm	38.0
PRESOCK-MAX-42L	Preassembly Socket Ø 42 mm	42.0

Tight Bend Preassembly Plates for MULTICEN-MAX

Part Number	Description	Tubing OD (mm)
PREPLATE-MAX-6T	Tight Bend Preass. Plate Ø 6 mm	6.0
PREPLATE-MAX-8T	Tight Bend Preass. Plate Ø 8 mm	8.0
PREPLATE-MAX-10T	Tight Bend Preass. Plate Ø 10 mm	10.0
PREPLATE-MAX-12T	Tight Bend Preass. Plate Ø 12 mm	12.0
PREPLATE-MAX-14T	Tight Bend Preass. Plate Ø 14 mm	14.0
PREPLATE-MAX-15T	Tight Bend Preass. Plate Ø 15 mm	15.0
PREPLATE-MAX-16T	Tight Bend Preass. Plate Ø 16 mm	16.0
PREPLATE-MAX-18T	Tight Bend Preass. Plate Ø 18 mm	18.0

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37° Flaring



Flaring Tools for MULTICEN-MAX

Part Number	Description	Tubing OD (mm)
FLAIRBLOCK-MAX-18	Flaring Block 6-18 mm	6-18
FLAIRBLOCK-MAX-42	Flaring Block 6-42 mm	6-42
FLAIRTOOL-MAX-6	Flaring Tool Ø 6 mm	6.0
FLAIRTOOL-MAX-8	Flaring Tool Ø 8 mm	8.0
FLAIRTOOL-MAX-10	Flaring Tool Ø 10 mm	10.0
FLAIRTOOL-MAX-12	Flaring Tool Ø 12 mm	12.0
FLAIRTOOL-MAX-14	Flaring Tool Ø 14 mm	14.0
FLAIRTOOL-MAX-15	Flaring Tool Ø 15 mm	15.0
FLAIRTOOL-MAX-16	Flaring Tool Ø 16 mm	16.0
FLAIRTOOL-MAX-18	Flaring Tool Ø 18 mm	18.0
FLAIRTOOL-MAX-20	Flaring Tool Ø 20 mm	20.0
FLAIRTOOL-MAX-22	Flaring Tool Ø 22 mm	22.0
FLAIRTOOL-MAX-25	Flaring Tool Ø 25 mm	25.0
FLAIRTOOL-MAX-28	Flaring Tool Ø 28 mm	28.0
FLAIRTOOL-MAX-30	Flaring Tool Ø 30 mm	30.0
FLAIRTOOL-MAX-32	Flaring Tool Ø 32 mm	32.0
FLAIRTOOL-MAX-35	Flaring Tool Ø 35 mm	35.0
FLAIRTOOL-MAX-38	Flaring Tool Ø 38 mm	38.0
FLAIRTOOL-MAX-42	Flaring Tool Ø 42 mm	42.0

Whitworth Flaring Tools for MULTICEN-MAX

Part Number	Description	Tubing OD (in)
FLAIRTOOL-MAX-1/4	Whitworth Flaring Tool Ø 1/4"	1/4
FLAIRTOOL-MAX-5/16	Whitworth Flaring Tool Ø 5/16"	5/16
FLAIRTOOL-MAX-3/8	Whitworth Flaring Tool Ø 3/8"	3/8
FLAIRTOOL-MAX-1/2	Whitworth Flaring Tool Ø 1/2"	1/2
FLAIRTOOL-MAX-5/8	Whitworth Flaring Tool Ø 5/8"	5/8
FLAIRTOOL-MAX-3/4	Whitworth Flaring Tool Ø 3/4"	3/4
FLAIRTOOL-MAX-7/8	Whitworth Flaring Tool Ø 7/8"	7/8
FLAIRTOOL-MAX-1	Whitworth Flaring Tool Ø 1"	1
FLAIRTOOL-MAX-1 1/4	Whitworth Flaring Tool Ø 1 1/4"	1 1/4
FLAIRTOOL-MAX-1 1/2	Whitworth Flaring Tool Ø 1 1/2"	1 1/2

Tight Flaring Tools for MULTICEN-MAX

Part Number	Description	Tubing OD (mm)
FLAIRTOOL-MAX-6T	Tight Flaring Tool Ø 6 mm	6.0
FLAIRTOOL-MAX-8T	Tight Flaring Tool Ø 8 mm	8.0
FLAIRTOOL-MAX-10T	Tight Flaring Tool Ø 10 mm	10.0
FLAIRTOOL-MAX-12T	Tight Flaring Tool Ø 12 mm	12.0
FLAIRTOOL-MAX-14T	Tight Flaring Tool Ø 14 mm	14.0
FLAIRTOOL-MAX-15T	Tight Flaring Tool Ø 15 mm	15.0
FLAIRTOOL-MAX-16T	Tight Flaring Tool Ø 16 mm	16.0
FLAIRTOOL-MAX-18T	Tight Flaring Tool Ø 18 mm	18.0

Tight Flaring Tools for MULTICEN-MAX

Part Number	Description	Tubing OD (in)
FLAIRTOOL-MAX-1/4T	Tight Flaring Tool Ø 1/4"	1/4
FLAIRTOOL-MAX-5/16T	Tight Flaring Tool Ø 5/16"	5/16
FLAIRTOOL-MAX-3/8T	Tight Flaring Tool Ø 3/8"	3/8
FLAIRTOOL-MAX-1/2T	Tight Flaring Tool Ø 1/2"	1/2
FLAIRTOOL-MAX-5/8T	Tight Flaring Tool Ø 5/8"	5/8

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