

MULTICEN-JR

Multifunctional / Tube Processing Center



Bending



37° Flaring



Deburring



Preassembly



Cutting

DESCRIPTION

A well rounded unit, that includes all the same features of the MULTICEN-MIN: bending, 24° ring pre-assembly, 37° flaring and deburring, with the additional ability to perform tube cutting.

Also includes a small air compressor for cleaning shavings out of the inside of tubes.

INCLUDED ACCESSORIES



Handheld Electronic Control



Tool Holder



Tube Cleaning Air Compressor

Tube Materials

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

Cutting

Maximum Diameter (in) 3.9

Bending

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

Tube Max. Width (in) 0.15

Max Bending Angle 170°

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 Max. Size (in) 1/4 - 1 1/2

Multicenter Size

L x W x H (in) 59.7 x 39.4 x 47.6

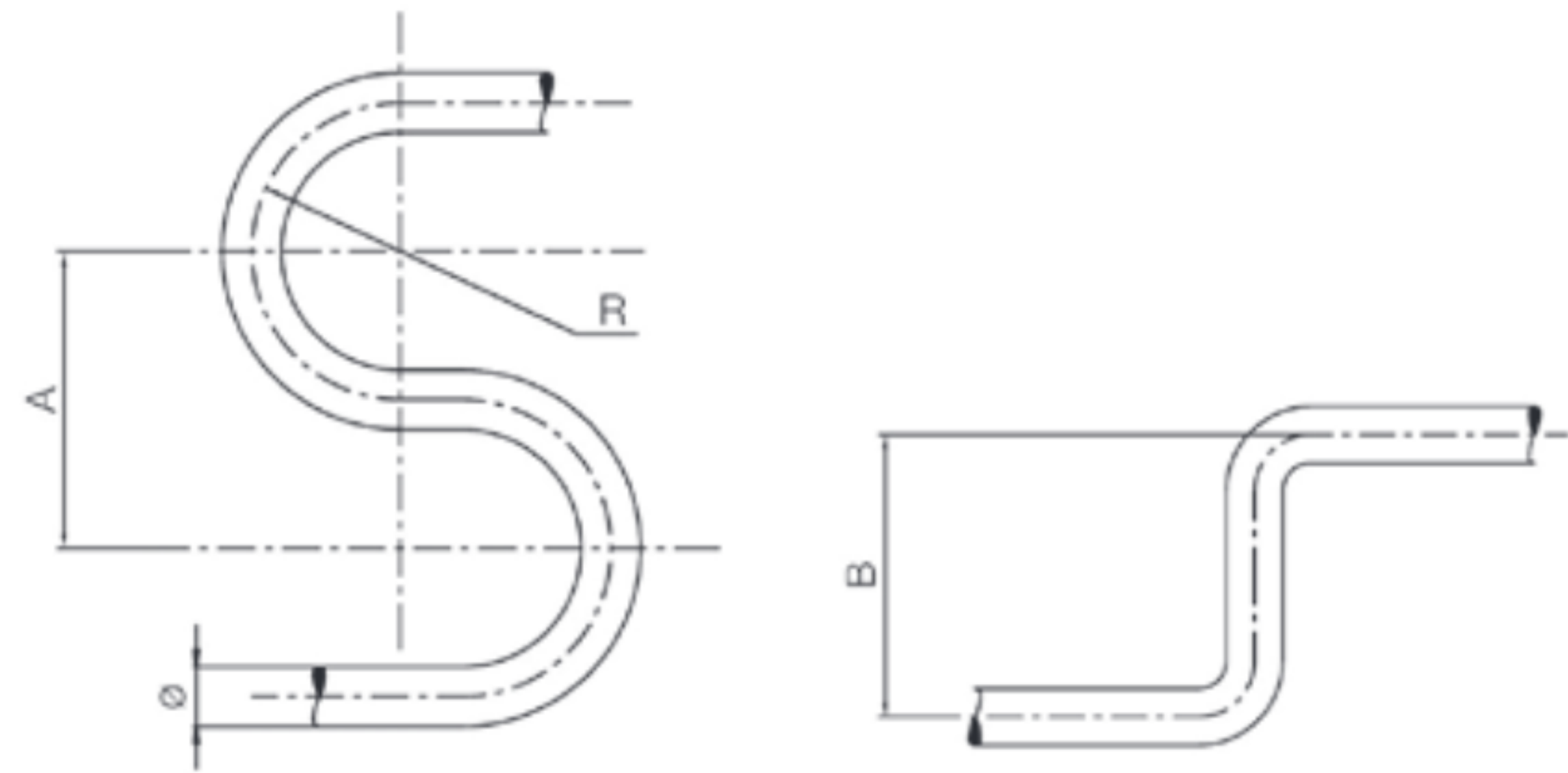
Weight (lbs) 670

Part Number	Motor Info
MULTICEN-JR-230/1	6.3 HP (230 V) 1 PH

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MULTICEN-MIN & MULTICEN-JR

Bending



BENDING TOOLS FOR MULTICEN-MIN AND MULTICEN-JR

Part Number	Description	Tubing OD (in)	Min. Bend Radius (in)	Max. Bend Angle (°)	A (mm)	B (mm)
BENDTOOL-JR-6	Bending Tool Ø 6 mm	6.0	15.0	170	60	70
BENDTOOL-JR-8	Bending Tool Ø 8 mm	8.0	16.5	170	60	70
BENDTOOL-JR-10	Bending Tool Ø 10 mm	10.0	27.5	170	70	115
BENDTOOL-JR-12	Bending Tool Ø 12 mm	12.0	32.5	170	80	120
BENDTOOL-JR-14	Bending Tool Ø 14 mm	14.0	46.0	170	110	180
BENDTOOL-JR-15	Bending Tool Ø 15 mm	15.0	46.0	170	110	180
BENDTOOL-JR-16	Bending Tool Ø 16 mm	16.0	48.0	170	110	180
BENDTOOL-JR-18	Bending Tool Ø 18 mm	18.0	48.0	170	110	190
BENDTOOL-JR-20	Bending Tool Ø 20 mm	20.0	66.0	170	140	230
BENDTOOL-JR-22	Bending Tool Ø 22 mm	22.0	66.0	160	140	240
BENDTOOL-JR-25	Bending Tool Ø 25 mm	25.0	81.5	160	170	270
BENDTOOL-JR-28	Bending Tool Ø 28 mm	28.0	81.0	160	180	300
BENDTOOL-JR-30	Bending Tool Ø 30 mm	30.0	98.5	150	220	300
BENDTOOL-JR-32	Bending Tool Ø 32 mm	32.0	101.0	150	220	300
BENDTOOL-JR-35	Bending Tool Ø 35 mm	35.0	125.5	120	250	440
BENDTOOL-JR-38	Bending Tool Ø 38 mm	38.0	116.0	120	250	440
BENDTOOL-JR-42	Bending Tool Ø 42 mm	42.0	126.0	120	250	440

Part Number	Description	Tubing OD (in)	Min. Bend Radius (in)	Max. Bend Angle (°)	A (mm)	B (mm)
BENDTOOL-JR-1/4	Bending Tool Ø 1/4"	1/4	0.65	170	2.36	2.76
BENDTOOL-JR-3/8	Bending Tool Ø 3/8"	3/8	1.08	170	2.76	4.53
BENDTOOL-JR-1/2	Bending Tool Ø 1/2"	1/2	1.28	170	3.15	4.72
BENDTOOL-JR-5/8	Bending Tool Ø 5/8"	5/8	1.88	170	4.33	7.09
BENDTOOL-JR-3/4	Bending Tool Ø 3/4"	3/4	1.88	170	4.33	7.09
BENDTOOL-JR-1	Bending Tool Ø 1"	1	3.20	160	6.69	10.63
BENDTOOL-JR-1 1/4	Bending Tool Ø 1 1/4"	1 1/4	3.97	150	8.66	11.81
BENDTOOL-JR-1 1/2	Bending Tool Ø 1 1/2"	1 1/2	4.56	120	9.84	17.32

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MULTICEN-MIN & MULTICEN-JR (continued)

PREASSEMBLY SOCKETS FOR MULTICEN-MIN AND MULTICEN-JR

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

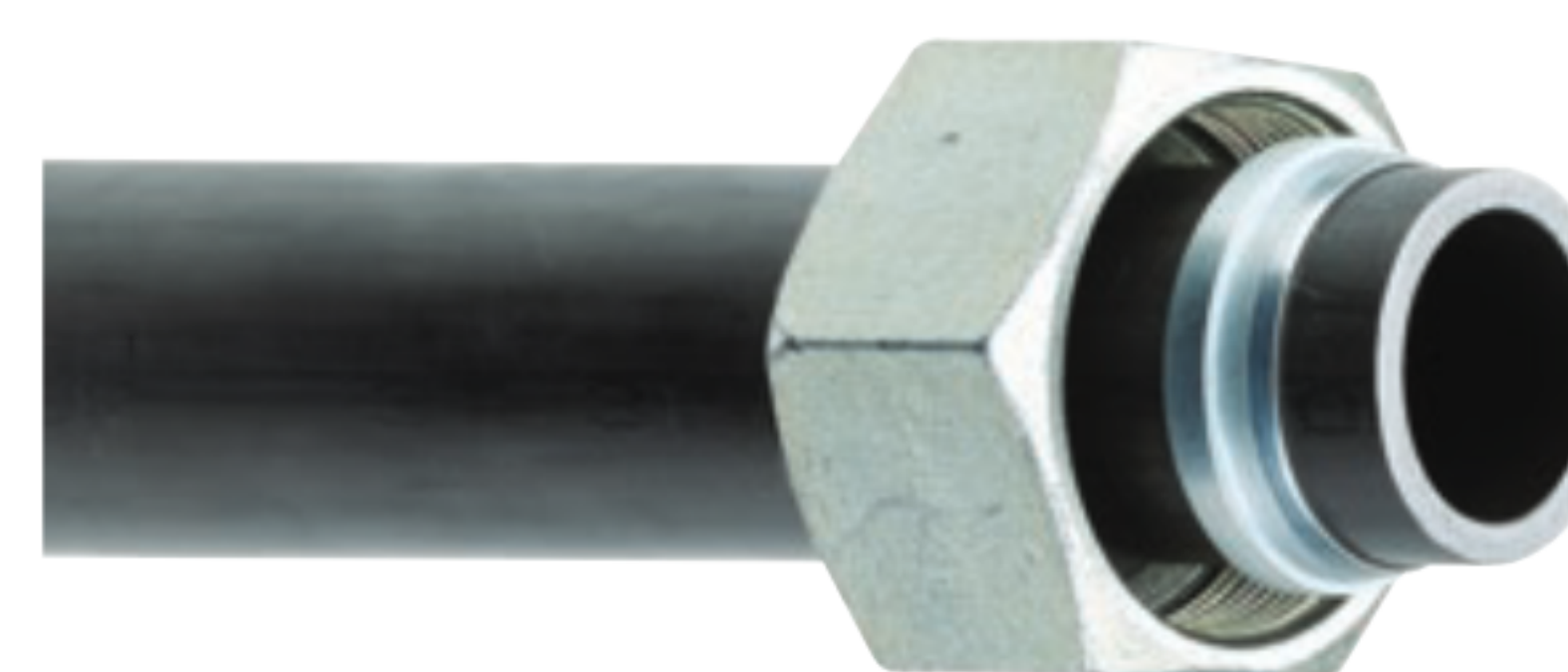
FLARING TOOLS FOR MULTICEN-MIN AND MULTICEN-JR

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

PREASSEMBLY PLATES FOR MULTICEN-MIN AND MULTICEN-JR

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

Preassembly



Note: Metric Tube Nuts (MTN Series) and Bite Sleeves (MBS Series) available. Refer to Kuriyama Hydraulic Connections Catalog pgs. 214-216.

37° Flaring



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