



Low Clearance Split Frame

Model SF/3 Series [2"-48" (50.8 mm to 1219.2 mm) O.D. Pipe & Tube]

An easy to use, light weight, low clearance, portable O.D. mounted cutting system for severing, beveling and counterboring pipe or tube. Composed of interchangeable components of modular design. Powered pneumatically, hydraulically or electrically. Offering minimal clearance mounting and high strength for precision pipe finishing.

- Machine quickly splits to mount around O.D. of in-line pipe.
- Parts and accessories interchangeable between sizes ring sets.
- Cut carbon steel, stainless, "Hastelloy" and "Incoloy" thin wall and heavy wall pipe or tube.
- Self-squaring pipe clamping system with integrated, close tolerance legs and wide feet for exceptional stability.
- Star Wheel system offers lowest clearance operation and precise feed, for controlled cutting.
- Low friction, adjustable bearing system spreads load evenly for maximum stability and minimizing wear.
- Full enclosed bearing and drive gear system for operating safety.



Optional HD worm gear tool slides available for extra heavy wall pipe applications.



All "Low Clearance Split Frames" are designed for portability and will cut in all environments.



New Counterbore Attachment, fits all models. Mounts securely to tool slide.



14 units available for 2" to 48" pipe or tube.



Optional Bridge Slide for heavy wall pipe. Bevel, compound bevel and J prep.

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SPECIFICATIONS

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Cutting Tool Surface Speed: 60 ft. per minute (30p cm.)
Machine Drive: Pneumatic, Hydraulic, or Electric
Air Requirements: 70 cfm @ 80-100 psi (1 m @ 5.6-7 Bar)
Hydraulic Requirements: 8 gpm @ 1500 psi (15-19 l/s @ 106 Bar)
Electric Requirements: 110 volt
Feed Method: Starwheel Feed
Feed Rate: Fixed @ .0026 per revolution (Starwheel)
Finish: Hard chrome coating
Packaging: Heavy Duty Carry Case

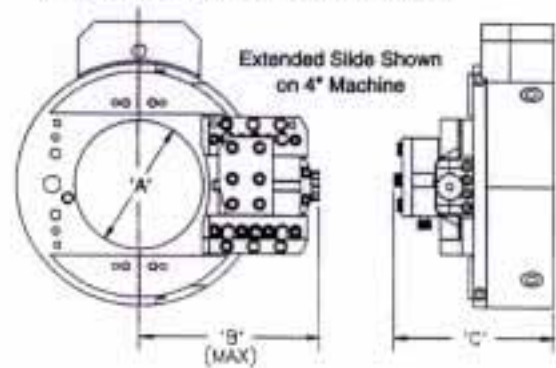
Standard Equipment:

Self Squaring Mounting System
 Fitted Storage Case
 Operating Tools
 Operating Manuals

Optional Equipment:

Single point bridge slide
 Low clearance tool slides
 Extended tool slides
 "Swing-away" Counterbore Bridge Slide
 Pneumatic, Hydraulic, Electric Drive
 Extension Legs
 Tooling (standard and custom)
 Rounding shoes for thin wall applications
 Worm drive heavy duty tool slides

Radial and Axial Clearance Chart



Optional Interchangeable Tool Posts

- Allows the operator to convert from low clearance tool slides to extended slides in minutes.



Low Clearance
Tool Slide
Star Feed



Extended Tool
Slide
Star Feed



Super Extended
Tool Slide
Star Feed

MODEL	SF 204/3	SF 206/3	SF 408/3	SF 610/3	SF 612/3	SF 814/3	SF 1016/3	SF 1420/3	SF 1824	SF 2228	SF 2632	SF 3036	SF 3642	SF 4248
"A" Dim. (inches)	4.75	6.88	8.88	11.0	13.0	14.25	16.25	20.25	24.5	28.5	32.5	36.5	42.5"	48.5
"A" Dim (millimeters)	121.60	176.12	227.32	279.40	330.20	361.95	412.75	514.35	622.30	723.90	825.50	927.10	1079.5	1219.2
LOW CLEARANCE TOOL SLIDE (TOOL STROKE: .50") (12.7MM) USING SLIDE # 60-402-01/04														
"B" DIM. (INCH)	4.50"	5.56"	6.56"	7.88"	8.88"	9.50"	10.75"	12.75"	--	--	--	--	--	--
"B" DIM. (mm)	114.3	141.22	166.62	200.15	225.55	241.3	273.05"	323.85	--	--	--	--	--	--
"C" DIM. (INCH)	6.0"	6.0"	6.0"	6.0"	6.0"	6.0"	6.0"	6.0"	--	--	--	--	--	--
"C" DIM. (mm)	152.40	152.40	152.40	152.40	152.40	152.40	152.40	152.40	--	--	--	--	--	--
EXTENDED TOOL SLIDE (TOOL STROKE: 1.50") (50.8 mm) USING SLIDE #60-415-00														
"B" DIM. (INCH)	6.45"	7.51"	8.51"	9.94"	10.94"	11.45"	12.70"	14.70"	16.63"	18.63"	20.63"	22.63"	--	--
"B" DIM. (mm)	163.83	190.75	216.15	252.47	277.87	290.83	322.58	373.38	422.40	473.20	524.00	574.80	--	--
"C" DIM. (INCH)	6.0"	6.0"	6.0"	6.0"	6.0"	6.0"	6.0"	6.0"	7.0"	7.0"	7.0"	7.0"	--	--
"C" DIM. (mm)	152.40	152.40	152.40	152.40	152.40	152.40	152.40	152.40	177.80	177.80	177.80	177.80	--	--
SUPER EXTENDED TOOL SLIDE (TOOL STROKE 2.00") (50.8mm) USING SLIDE # 60-437-00														
"B" DIM. (INCH)	--	--	--	--	--	--	--	--	19.0"	21.0"	23.0"	25.0"	28	31
"B" DIM. (mm)	--	--	--	--	--	--	--	--	482.60	533.40	584.20	635.00	711.2	787.4
"C" DIM. (INCH)	--	--	--	--	--	--	--	--	7.0"	7.0"	7.0"	7.0"	7"	7"
"C" DIM. (mm)	--	--	--	--	--	--	--	--	177.80	177.80	177.80	177.80	177.80	177.80
MACHINE CAPACITY:														
INCHES:	1-4"	2-6"	4-8"	6-10"	6-12"	8-14"	10-16"	14-20"	18-24"	22-28"	26-32"	30-36"	36-42	42-48
MM:	51-152	102-204	152-254	152-254	152-305	203-356	254-406	356-508	457-610	559-711	660-812	812-914	914.4-1066.8	1066.8-1219.2
WEIGHT:														
(LBS):	30	37	43	53	63	73	88	103	175	200	230	260	310	360
(KGS):	13.6	16.78	19.5	24.04	28.57	33.11	39.91	46.72	79.38	90.72	104.32	117.93	140.6	163.29