

# SFFM Flange Facer

SFFM series Flange Facing Machines are mounted on the outer diameter of the flange. The precise, synchronized radial and axial feed mechanism allows for a high quality machining, resulting in one continuous groove producing a true gramophone finish.

SFFM Flange Facing Machines are suitable for various flange types:

- 】 Flat Face
- 】 Raised Face
- 】 Ring Type Joints (RTJ)
- 】 Tongue & Groove
- 】 Lens Ring
- 】 Grayloc® (hub profile)
- 】 Compact Flanges

SFFM Flange Facers are suitable for the oil and gas industry, power plants, chemical plants, oil rigs and many others. They are prepared to implement applications complying with ASME standards.



MODEL	WORKING RANGE			DIMENSIONS					WEIGHT	JAWS
	UNIT	MIN OD	MAX OD	UNIT	FRAME OD	FRAME ID	FRAME WIDTH	HEIGHT		
SFFM-0410	NPS	2,00	10,00	[inch]	16,22	11,24	2,50	17,3"	57	4
	Metric	50,00	250,00	[mm]	412,00	285,40	63,50	440		
SFFM-1016	NPS	2,00	15,00	[inch]	21,46	16,48	2,50	17,3"	68	6
	Metric	50,00	370,00	[mm]	545,00	418,70	63,50	440		
SFFM-1624	NPS	4,00	23,00	[inch]	29,49	24,41	2,50	17,3"	103	10
	Metric	100,00	580,00	[mm]	749,00	619,90	63,50	440		
SFFM-2836	NPS	8,00	35,00	[inch]	42,15	37,00	2,76	17,3"	180	10
	Metric	200,00	890,00	[mm]	1070,60	939,80	65,40	440		
SFFM-4048	NPS	10,00	47,00	[inch]	54,40	49,53	2,76	17,3"	260	12
	Metric	250,00	1200,00	[mm]	1381,80	1251,00	65,40	440		

## FEATURES OF MACHINE



### CUTTING GROOVES

The machine offers a simple way of execution of the RTJ grooves by using the single point swivel head or formed tools



### GRAMOPHONE GROOVE

The design of the feed attachment assures the automatic and variable feed rate on radial axe producing proper gramophone groove.



### STRONG DRIVES

Machine can be driven with a wide range of motors, pneumatic, hydraulic and electrical, including servo drives - all made by KRAIS.



### AVAILABLE AS MODULE

For owners of our regular SFSF machines we offer special module, allowing to convert the standard SFSF into regular flange facing module

## TOOLING CHART

HOLDER	INSERT	SCREW	TORX
SFFM-V11	CIV-11-3-1	MHS-4	TX-15