



KNIFE RING FLAKERS

03.02.A

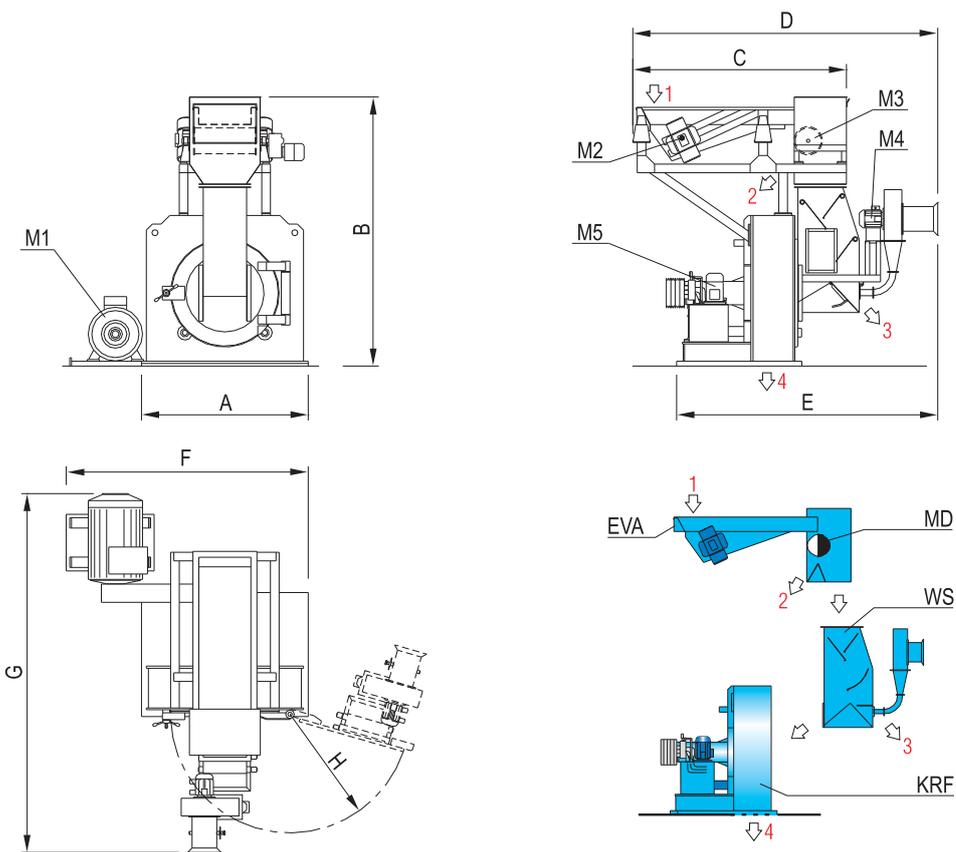
KRF - JAGUAR

TECHNICAL FEATURES

/ Knife Ring Flakers must generate enough centrifugal strength to maintain the chips constantly pressed against the knives and fight the shearing stress. Conventional Flakers are designed to refine chips of regular size and mass. But, they do not generate enough strength to refine material of small size-mass, i.e. micro-chips, oversize particles, sawdust cubes, etc. In this case the reduced centrifugal strength is not sufficient to fight the shearing stress and small material go on jumping into the knife ring, which transforms them in toothpicks and sub-cubes with a fast loss of cutting capacity of knives. Starting from these physics concepts, we re-invented the Knife Ring Flakers / Very high precision knife ring / High number of knives / Very high precision impeller provided with counter-knives / Minimized gap among knives and counter-knives / High flaking speed and special setting to refine small-size material, i.e. micro-chips, oversize particles and sawdust cubes / Feeding provided with protection devices to reject heavy pollutants / Machine parts getting in touch with chips are highly protected against wear / Easy and quick replacement of knife-ring.

BENEFITS

/ Excellent flakes from regular chips, fresh and recycled / Superior result from micro-chips, oversize particles and sawdust cubes / High efficiency / High reliability / Minimized maintenance costs / Low specific energy consumption.



1= INFEED MATERIAL
 2= FERROUS POLLUTANTS
 3= HEAVY POLLUTANTS

4= FLAKES
 M1= MAIN MOTOR
 M2= VIBRATING FEEDER

M3= MAGNETIC DRUM
 M4= WIND SELECTOR
 M5= HYDRAULIC UNIT

Not binding data. We reserve the right of modification at any time without prior notice.



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OVERALL DIMENSIONS mm

MODEL	A	B	C	D	E	F	G	H
KRF 10/35.EVA.MD.WS	1920	3120	2460	3480	3140	2720	4170	1375

MODEL	INSTALLED POWER kW					WEIGHT APPROX. KG
	M1*	M2	M3	M4	M5	
KRF 10/35.EVA.MD.WS	132 - 160	2 x 0,65	0,55	2,2	1,5	5850

*Variable according to type of material

MODEL	CAPACITY** t/h	AUXILIARY SUCTION for MECHANICAL DISCHARGE			AUXILIARY SUCTION for 100% PNEUMATIC DISCHARGE		
		THROUGHPUT m ³ /h	AIR SPEED m/s	SUCTION PRESSURE Pa	THROUGHPUT m ³ /h	AIR SPEED m/s	SUCTION PRESSURE Pa
THICK DRY PARTICLES	4	7500	24 - 26	1000	18000	24 - 26	1000
WET CHIPS & SAWDUST CUBES	4	7500	27 - 29	1000	35000	27 - 29	1000

**Variable according to machine setting