

Special Ball Flashing Machine

SFM 72



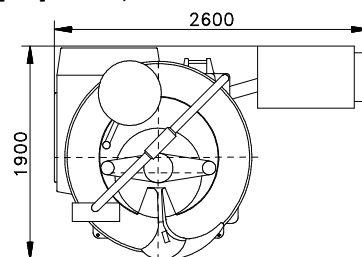
SpezialMaschinenfabrik-Schonungen-GmbH
D-97453 Schonungen

Technical data

Special Ball Flashing Machine SFM 72

Working range:	Smallest ball diameter	[mm]	2,50
	Largest ball diameter	[mm]	25,4
Machining pressure:	maximum	[kN]	300
Compressive force control:	automatically or manually		
Flashing precision:	Sphericity	according to ball diameter and DIN 5401	
	Load tolerance	according to ball diameter and DIN 5401	
Machining disks:	Special cast iron, hardened		
	Outer diameter	[mm]	720
	Inner diameter	[mm]	290
	Thickness	[mm]	90
	Speed	[min ⁻¹]	140
Ring magazine:	Outer diameter	[mm]	1500 (max.)
	Capacity, max.	[kg]	450
	Speed range	[min ⁻¹]	0,02-0,7
Driving data:	Total power supply	[kW]	49,5
Main drive:	Power	[kW]	45
	Speed	[min ⁻¹]	3000
Ring magazine drive:	Power	[kW]	0,75
	Speed	[min ⁻¹]	1500
Vertical adjustment of the ring magazine:	Power	[kW]	0,55
	Speed	[min ⁻¹]	3000/200
Adjustment of the counter nut:	Power	[kW]	0,37
	Speed	[min ⁻¹]	3000/280
Pump for electrohydraulic adjustment of the disks, adjustment of pressure:	Power	[kW]	1,5
	Speed	[min ⁻¹]	1500
Pump for lubrication circulation:	Conveying capacity	[l/min]	3,8
	Power	[kW]	0,17
	Speed	[min ⁻¹]	3000
	Conveying capacity	[l/min]	1
<u>Individual Coolant Tank</u> (Special accessory) for circulation of coolant:	Power	[kW]	1,1
	Speed	[min ⁻¹]	3000
	Conveying capacity	[l/min]	400
	Machining pressure	[bar]	0,2
Drive of magnetic separator:	Power	[kW]	0,06
	Speeds	[min ⁻¹]	1500/3
Space requirement of machine:	Length x width x height	[mm]	2600x1900x2330
Weight of machine:	net	[kg]	4700
	gross	[kg]	5200
Case measurements:	Length x width x height	[mm]	2370x1960x2700
	Volume	[m ³]	12,4

Construction modifications reserved



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