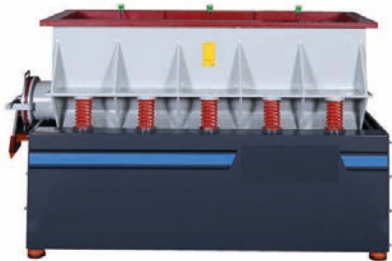


# MACHINERY

FOR VIBRATORY SURFACE FINISHING



## TUB VIBRATORY MACHINES



Model shown: VM 375 Y

These are generally used for the larger component, or when it is essential that components are to be finished separately by the use of dividers, to minimise damage.

TUB VIBRATORY MACHINES					
Machine Type		VM 20 Y	VM 150 Y	VM 375 Y	VM Y 2200
Capacity	litre	20	150	375	2200
Polyurethane Thickness	mm	15	20	20	25-35
Process Area Width	mm	170	365	500	1100
Process Area Width	mm	530	1016	1500	2200
Width	mm	600	712	1191	1320
Length	mm	710	1297	1700	3900
Height	mm	700	1044	1121	1685
Process Area Height	mm	235	585	570	967
Weight	kg	125	496	1270	5250
Motor Cycle (at 50 Hz)	rpm	1500	1500	1500	1500
Motor Power	kW	0.75	1.1/1.5	4 / 6	30

## CENTRIFUGAL DRYING AND DEGREASING MACHINES



Model shown: SK 50 K

These machines are used for components that have internal lodgement areas that prevent the components from being maize dried. The "Y" version machine is for removing and draining oil from components.

CENTRIFUGAL DRYING AND DEGREASING MACHINES					
Machine Type		SK 25 Y	SK 50 Y	SK 25 K	SK 50 K
Capacity	litre	33	46	33	46
Basket Inner Diameter	ø mm	420	470	420	470
Width	mm	645	710	645	710
Length	mm	750	835	750	835
Height	mm	685	835	765	835
Weight	kg	133	150	138	155
Centrifugal Cycle	rpm	600	600	500	500
Motor Power	kW	0.55	0.55	0.55	0.55
Motor Cycle (at 50 Hz)	rpm	1500	1500	1500	1500
Heating Power	kW	-	-	2	2
Total Power	kW	0.55	0.55	2.55	2.55

## WASTE WATER TREATMENT MACHINES



Models shown: ARS 25-WT500

These systems are produced to work with vibratory surface finishing machines, centrifugal surface finishing machines and barrel type machines as standard. As optional, it can also be prepared as a project for the waste water that occurs in different industries.

WASTE WATER TREATMENT MACHINES					
Machine Type		ARS 25 B60	ARS 25 MN500	ARS 140 B1000	
Capacity	litre/hour	300	300	1200	
Clean Water Tank Capacity	litre	30	270	482	
Waste Water Tank Capacity	litre	30	135	338	
Total Tank Capacity	litre	120	405	820	
Sludge Container Capacity	kg	2.5	2.5	22	
Max. Clean Water Outlet Pressure	bar	0.5	0.5	0.3	
Separation Factor	g	1800	1800	2010	
Centrifugal Speed	rpm	4100	4100	2750	
Motor Power	kW	1.5	1.5	5	
Total Power	kW	2	1.5	5.5	
Measurements	mm	680 x 800 x 800	1560 x 760 x 1392	2120 x 1275 x 1695	
Total Weight	kg	160	290	620	
Control Unit	-	Semiautomatic	Semiautomatic	Semiautomatic	
Chemical Dosing	-	Optional	Standard	Standard	
Filtering	-	Centrifugal Filter	Centrifugal Filter	Centrifugal Filter	
De-foaming	-	Optional	Optional	Optional	
Water Recycling Rate	%	95	95	95	

# MACHINERY

FOR VIBRATORY SURFACE FINISHING



## CIRCULAR VIBRATORY MACHINES



Model shown: VRM125

Vibratory bowl machines are manufactured in mild steel and are internally lined in case polyurathane. They can be provided with various options to meet individual requirements, these options include, variable speed devices, PLC control

units, Pneumatic controlled dam pedals, noise covers and compound metering units.

Internal unloading screens are quick change and are available in a variety of designs, to include undersized media screens, stepped screens and stainless steel bar meshes.

CIRCULAR VIBRATORY MACHINES										
Machine Type		VRM20	VRM125	VRM225	VRM350	VRM500	VRM800	VRM1000	VRM2000	VRM3200
Capacity	litre	15	125	225	350	500	800	1000	1700	2400
Polyurethane Thickness	mm	20	20	20	20	20	20	20	20-30	25-35
Steel Thickness	mm	-	6	6	6	8	10	10	10	10
Process Area Width	mm	108	210	290	367	370	455	440	670	834
Inner Diameter	mm	400	700	970	1130	1300	1650	1650	1975	2325
Discharge Height	mm	569	950	930	982	1019	1210	1170	-	-
Width	mm	465	776	1100	1434	1639	1837	1920	2358	2520
Length	mm	478	920	1250	1350	1635	1926	1940	2182	2400
Height	mm	569	1050	1060	1137	1180	1393	1395	1585	1675
Process Area Height	mm	190	331	400	435	520	590	610	683	610
Discharge Unit Width	mm	-	210	290	367	370	455	440	-	-
Weight	kg	60	272	490	556	905	1900	2110	2620	2900
Motor Cycle (at 50 Hz)	rpm	3000	1500	1500	1500	1500	1500	1500	1500	1500
Motor Power	kW	0.27	0.75	1.1	2.2	4	6	6	15	22

## CIRCULAR VIBRATORY DRYING MACHINES



Model shown: VRM225K

Maize drying machines, for rapid drying and polishing of components. These machines are heated and some are lined in spray polyurathane. Also available with pneumatic controlled separation screens and dust covers.

CIRCULAR VIBRATORY DRYING MACHINES						
Machine Type		VRM125 K	VRM225 K	VRM350 K	VRM500 K	VRM800 K
Capacity	litre	125	225	350	500	800
Polyurethane Thickness	mm	PU Spray	PU Spray	PU Spray	PU Spray	PU Spray
Steel Thickness	mm	6	6	6	6	10
Process Area Width	mm	242	320	366	405	465
Inner Diameter	mm	700	987	1160	1298	1595
Discharge Height	mm	760	820	762	826	1005
Width	mm	890	1175	1332	1485	1768
Length	mm	780	1225	1427	1600	1875
Height	mm	950	1044	1069	1153	1225
Process Area Height	mm	330	352	440	477	555
Machine Input Height	mm	885	840	847	903	1080
Outlet Chute	mm	242	320	366	405	465
Inlet Chute	mm	-	360	406	445	505
Weight	kg	280	440	500	810	1900
Motor Cycle (at 50 Hz)	rpm	1500	1500	1500	1500	1500
Motor Power	kW	0.75	1.1	1.1	4	6
Heating Power	kW	1.8	3	4	4.5	6

## CENTRIFUGAL DISC FINISHING MACHINES



Model shown: SM3X14

High speed centrifugal machines are used for the rapid surface improvement of components, generally for small to medium sized. Single or multiple units can be employed, or the machine(s) can form part of a fully automated system.

Optional separating units are available for larger machines.

CENTRIFUGAL DISC FINISHING MACHINES									
Machine Type		SM 7	SM14	SM 2x14	SM 3x14	SM 20	SM 50 BR	SM 100 R	SM 200
Capacity	litre	7	14	2x14	3x14	20	50	100	200
Polyurethane Thickness	mm	20	20	20	20	20	20	20	20
Steel Thickness	mm	10	10	10	10	-	10	10	10
Process Area Width	mm	210	280	2x280	3x280	300	425	585	670
Length	mm	605	1140	1140	1140	705	1365	1380	1590
Width	mm	445	1020	1500	3167	545	1180	1380	1720
Height	mm	1000	1600	1600	1600	1260	1315	1510	1650
Weight	kg	65	150	300	450	100	385	790	985
Motor Power	kW	0.37	1.1	2.2	3.3	1.5	3.5	4	10