

# Shake-out machines

## VAO & VAU type

JML Shake-out machines are used for the continuous separation of the casting cluster and sand after automatic moulding plant operation. They are suitable for a wide range of moulds. These Shake-out machines operate at high frequency from 750 to 1500 rpm at an acceleration of 2 to 6g. Depending on the casting program, the unchecks are equipped with grids with divergent bars or trapezoidal holes. Training is usually provided by means of exciters Directed, which may be in the middle, above or below the unchecked, it is possible to carry out easy maintenance work.

Shake-out machines are designed according to the dimensions of moulds and of the production capacity of the moulding plant. However, in case of very different casting program and/or frequent model changes, variable angle Shake-out machines are used.

Variable angle Shake-out machines are particularly suitable for rooms sensitive Molds. These Shake-out machines work in the range Rotational speed from 1,000 to 1,500 rpm, at an acceleration of 2g.

### ➔ The strengths that position the Shake-out machines

To the top of the range in the foundry market are:

- Passage on a vibratory detention bench
- Communication with the moulding machine
- Automatic acquisition of operating data
- Transport of delicate castings
- Fully riveled construction
- Reduced damage to castings
- Automatic mode



#### TECHNICAL DATA

Type of machine	VAO*	VAU*
<b><u>Dimensions</u></b>		
Minimum Length	3.000 mm	3.000 mm
Maximum Length	9.000 mm	9.000 mm
Minimum width	800 mm	800 mm
Maximum width	2.400 mm	2.400 mm
<b><u>Drive technology</u></b>		
Mechanical exciter	VRE	VRE
Exciter Cell	//	VKE
<b><u>Vibrating Data</u></b>		
Minimum in mm	3	3
Maximum in mm	10	10
<b><u>Electric Power</u></b>		
Minimum in kW	7,5	7,5
Maximum in kW	30	30



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