

- Packaging: 8 pieces (for Part. 701 - 702), 4 pieces (for Part. 703).

- Characteristics: specially designed to absorb vibrations and shocks in both horizontal and vertical directions. Accurate height adjustment. High adhesion to the floor.

- Application: cutting-and bending machines for sheet metal. Injection molding machines for plastics. Lathes, cutting-and grinding machines. Machines for the textile and printing industry.

> When to use vibration absorbing feet In case in a machine frequent "vibrations or shocks" occur, it will be necessary to use vibration absorbing

1) Calculation of the load on each foot

Weight of the machine (Kg) = (Kgf)

In the following formula we have considered that the weight of the machine is divided equally over

2) Selection of the type of vibration absorbing

The selection of the type of a vibration absorbing foot depends on the load on each foot and the lowest number of revolutions (or number of shocks)

- Min. number of shocks: 120 strokes/min.

Because of the natural characteristics of the rubber elements, the selection of the proper type is very important. In a certain range of vibrations or shocks a resonance will occur, in another range of vibrations the feet will not absorb any vibrations at all. It is therefore important to follow exactly our

feet instead of our standard feet.

selection procedure. Selection procedure

the feet

Number of feet

foot - Table 1

of the machine.

1) Supports for a metal press

Selection: the load on each foot is 3900

6

Given data: - Weight of the press: 3900 Kg.

- Quantity of feet: 6.

- = 650 Kgf

According to table 1 Part. 703 should be taken.

Table 1		Load applied per foot (Kgf)					
		min.	max.	min.	max.	min.	max.
		Part. 701		Part. 702		Part. 703	
	100	85	360	230	940	275	1420
okes/min	120	85	210	230	600	275	900
	140	85	180	230	560	275	820
	160	85	120	230	350	275	560
	180	85	95	230	290	275	440
	200			230	260	275	320
	220					275	305
str		Zone of resonance					
nin.		(do not use vibration absorbing elements)					
or u	1200	475	525	1140	1260	1710	1890
Ê	1400	400	525	1040	1260	1650	1890
(rp	1600	320	525	810	1260	1340	1890
ion	1800	240	525	640	1260	1080	1890
otat	2000	180	525	490	1260	800	1890
2.5	2200	140	525	440	1260	700	1890
Mir	2400	120	525	380	1260	640	1890
	2600	100	525	300	1260	560	1890
	2800			240	1260	420	1890
	3000			200	1260	400	1890
	3500					300	1890

Examples of selection

1) Support for a lathe

Given data: - Weight of the lathe: 2200 Kg.

- Minimum speed: 140 rpm.
- Quantity of feet: 4.

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Selection: the load on each foot is
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According to table 1 Part. 702 should be taken.

Mounting instructions

A) Lift the machine. Position the footplate. B) Mount the adjustment bolt with the nut and washer. C) By turning the adjustment bolt further, the support plate will lift until the desidered height has been reached. D) Lock the adjustment bolt with the nut.









Part. R0701 Part. R0702 Part. **R0703**

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Components of the feet



- 1 Adjustment bolt. Fine thread
- 2 Locking nut. UNI 5588 65.
- 3 Washer UNI 6592 69. DIN 125 A.
- 4 Support plate. Adjustable in height.
- 5 Reinforcement plate.
- 6 Anti-slip in NBR rubber black (80 Shore).