



GRIP MECHATRONICS PVT LTD

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GMPL -AMT Machine Fixator, Series MF

GMPL-AMT MF series machine is a one stop solution for precise yet cost ef installation of heavy machinery and equipment. They are available in two basic designs: **bolt-through** and **bolt-on**. The "bolt-through" design has a clearance hole for an anchor bolt to securely anchor machines to the or foundation. The "bolt-on" design comes with fasteners and is designed for free-standing installations.

MF series machine is based on double wedge principle. Both wedges move towards or away from the loading centre symmetrically. Equalizing these forces around the centre results in an absolute rigid and stable anchoring system. As there is equal load distribution through two lifting wedges, the force required to raise or lower a machine is reduced considerably, resulting in effortless and precision levelling.

Application

- Heavy machine tools for processing crankshafts and camshafts or rollers
- Boring machines, gear testing machines, horizontal and critical machining centers
- Surface grinding and laser cutting machines
- Die-casting and plastic injection molding machines
- Punching and press machines
- Turbine and compressors
- Printing machines



Advantages

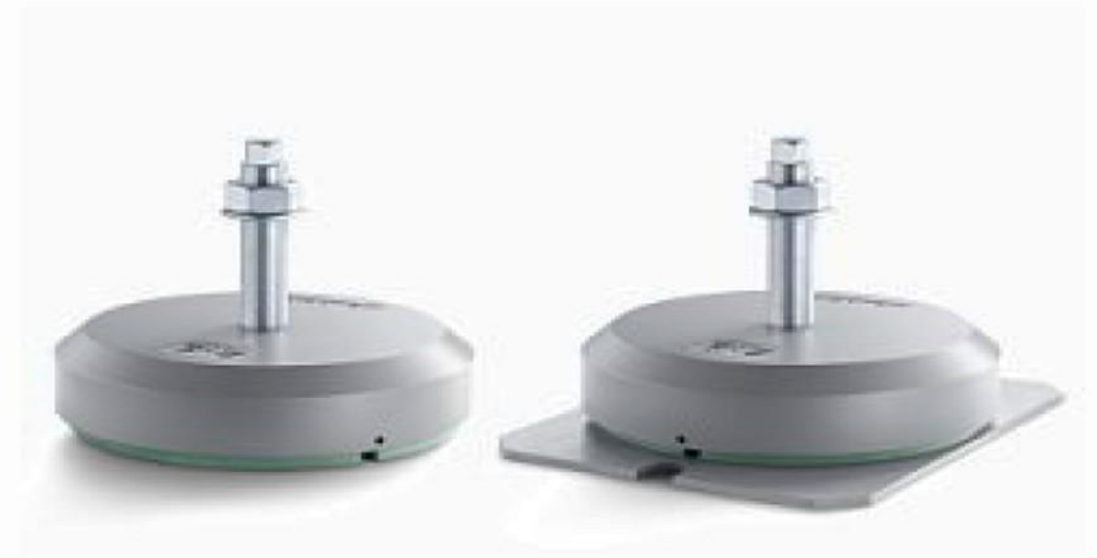
- Precise and accurate machine positioning and levelling.
- No horizontal machine movement Considerable reduction in machine.
- No special foundation required.
- Machine accuracy maintained for longer duration.
- Adjustment height.
- Reduced installation time thanks to effortless and precise levelling.

Description	UOM	Product Code		
		GMPL AMT-MF1	GMPL-AMT-MF2	GMPL-AMT-MF -3
Max load per mount	Kg	2000	4000	5500
Permissible maximum load	Kg	12000	24000	36000
Dimensional Data				
Length x Width x Height (LxBxH)	mm	180x120x75	220x145x95	270x180x110
Height adjustment (h)	mm	5	6	7
Bolt through size (φf)	mm	24	28	37
Bolt on size (M)	mm	M20	M24	M30
Adjustment screw hex head (SW)	mm	22	27	27
Resting Diameter (D)	mm	75	92	113
c	mm	32	34	43
l	mm	95	122	145
e1	mm	14	18	22
e2	mm	26	32	39

PRODUCTS FOR VIBRATION - LEVELLING ELEMENTS

Type series BNSH/BNSHA

A large range of different galvanised bolts are available for each type of BNSH/BNSHA levelling element, depending on your individual application. They are supplied complete with one nut and one washer. The appropriate bolt in each case can be found in the following tables. Please indicate bolt size.



Application

Specifically developed for the mounting of injection moulding machines, presses, punches etc. Optimum load distribution due to our proven pressure plate design. Very high horizontal stability over the entire levelling range. The BNSHA elements with bolton floor plate are particularly suitable for all machines that tend to wander. The floor anchor is not used as a safeguard against tipping.

Type series BNRV/BNRSV

Round, without/with flexible levelling bolt A large range of different bolts are available for each type of levelling element, depending on your individual application. They are supplied complete with nuts and Application: Food, luxury food, packaging, chemical and pharmaceutical industries as well as clean room applications.



PRECISION LEVELLING WEDGES

Type series PK

1. Universal application for machine tools and injection moulding machines.
2. Very good insulation effect. Specifically, for machines subject to high horizontal forces. Very high anti-slip effect!



Application: 1 TOP FACE: Anti-slip pad BR7-1 BOTTOM FACE: Insulation pad B4-1

Universal application for machine tools and injection moulding machines. Very good insulation effect. Specifically, for machines subject to high horizontal forces. Very high antislip effect.

Application: 2 TOP FACE: Anti-slip pad BS BOTTOM FACE: Insulation pad B0

Special design for CNC lathes, grinding machines, drilling and cutting mills, cutting centres, transfer lines.

Application: 3 TOP FACE: Anti-slip pad BS BOTTOM FACE: Insulation pad B32

Highly effective vibration insulation. Especially for installation on upper floors. Please contact us in cases of sensitive applications For machines with high dynamic forces such as presses, punches, shears

Type series PKA

1. Bottom face with insulation pad B0: Lathes, boring mills, grinding machines and machining centres..
2. Bottom face with insulation pad B4: Plastic injection moulding machines, die casting machines, planing and slotting machines, cold extrusion machines, etc. Extreme slip resistance



Application: 1 TOP FACE: Plain surface BOTTOM FACE: Insulation pad B0

Lathes, boring mills, grinding machines and machining centres.

Application: 2 TOP FACE: Plain surface BOTTOM FACE: Insulation pad B4

Plastic injection moulding machines, die casting machines, planing and slotting machines, cold extrusion machines, etc. Extreme slip resistance

Type series PKD

Bottom face with insulation pad B0: Boring and cutting mills, machining centres, special machines, long bed lathes, long bed planing machines.



Application: TOP FACE: Plain surface BOTTOM FACE: Insulation pad B0

Boring and cutting mills, machining centres, special machines, long bed lathes, long bed planing machines.

Type series PKAK/PKDK

Suitable bolts and nuts with standard thread and anchor for floor anchoring (only PKDK) can be supplied on request.

Application:

PKDK supplied inclusive of an appropriate insulating washer to insulate the bolt head Machines for the food and luxury food industries, machines for the packaging, chemical and pharmaceutical industries. We also offer special solutions without lubricant and for higher loads for applications in clean rooms





**FOR MORE INFORMATION
PLEASE VISIT US AT WWW.GRIPMECH.COM**

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