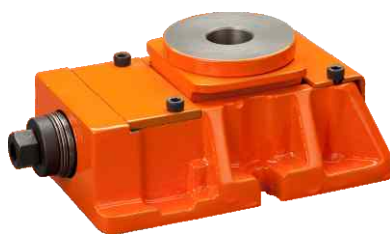


# ANTI VIBRATION MOUNTS



"engineering solutions unlimited"





AMT Machine Mounts are especially suited for mounting workshop machinery without being anchored to the ground especially for machines with high vertical and horizontal forces. These ready to install mounts allow immediate commissioning eliminating the need for foundations or grouting. The height adjustment feature allows precise leveling of machinery. These mounts will insulate high frequency vibrations and sound and prevent wandering of machinery due to the large contact area. Also the anti vibration material used has high resistance to acids, alkalis and oils.

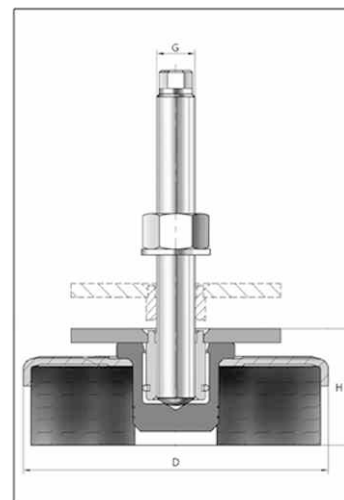
## Advantages

- Quick and easy installation. No need for anchoring
- Isolate strong vibrations that are dangerous, both for the operator and machinery.
- Achieve a higher work piece quality.
- Reduce maintenance and repair costs as pre-mature wear of machinery is avoided.
- Good resistance to machine coolants and oils

## APPLICATIONS

- General Purpose Machine Mount
- Sheet Metal Industry
- Machine Tool Industry
- Plastic Industry
- Food Industry
- Beverage Industry
- Pharmaceutical Industry

Description	UOM	AMT Machine Mount Product Code			
		AMT-MM1	AMT-MM2	AMT-MM3	AMT-MM4
Diameter (D)	mm	80	120	160	200
Height ( H)	mm	40	40	53	64
Stud Size (G)	mm	M12x1.5x100	M16x1.5x125	M20x1.5x150	M20x1.5x150
Min / Max Load per mount	kg	50 – 500	200 – 1100	800 – 2100	1500 – 4000





AMT Machine Fixator is a one stop solution for precise yet cost efficient installation of heavy machinery and equipments.

AMT Machine Fixators 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 floor or foundation. The "bolt-on" design comes with fasteners and is designed for free-standing installations. The "bolt-on" design also is available with a anti-skid rubber base version for vibration isolation.

AMT Machine Fixators are based on double wedge principle. This involves the use of two wedges to provide leveling, rather than one. Both wedges move towards or away from the loading centre symmetrically. Equalizing these forces around the center 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 halved, resulting in effortless and precision leveling.

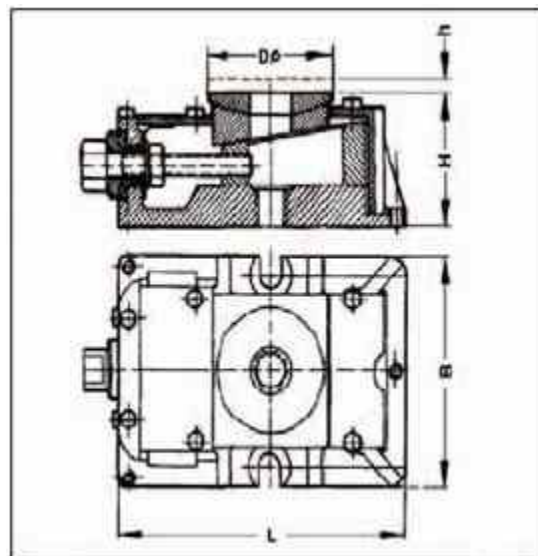
## Advantages

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

## APPLICATIONS

- Heavy machine tools for processing crankshafts and camshafts or rollers
- High-speed milling and Boring machines
- Horizontal and Vertical machining centers
- Transfer machines
- Surface grinding and Laser cutting machines
- Die-casting and plastic injection moulding machines
- Punching and Press machines
- Turbine and Compressors.
- Printing machines
- Food Industries
- Gear Testing Machines

Description	UOM	AMT Machine Fixator Product Code		
		AMT-MF1	AMT-MF2	AMT-MF3
Max load per mount	Kg	2000	4000	5500
<b>Dimensional Data</b>				
Length * Width (L*B)	mm	180*120	220*145	270*180
Height – Unadjusted (H)	mm	75	95	110
Height adjustment (h)	mm	5	6	7
Bolt on Size (M)	M	M20	M24	M30
Adjustment Screw Hex Head	mm	22	27	27
Resting Diameter (DØ)	mm	75	90	110



Note :- we are always pleased to fulfill special requests!



AMT Cushy Foot Mounts employ the well proven inclined rubber element design to achieve much higher deflections compared to simple rubber in compression devices and therefore superior isolation of low frequency vibration.

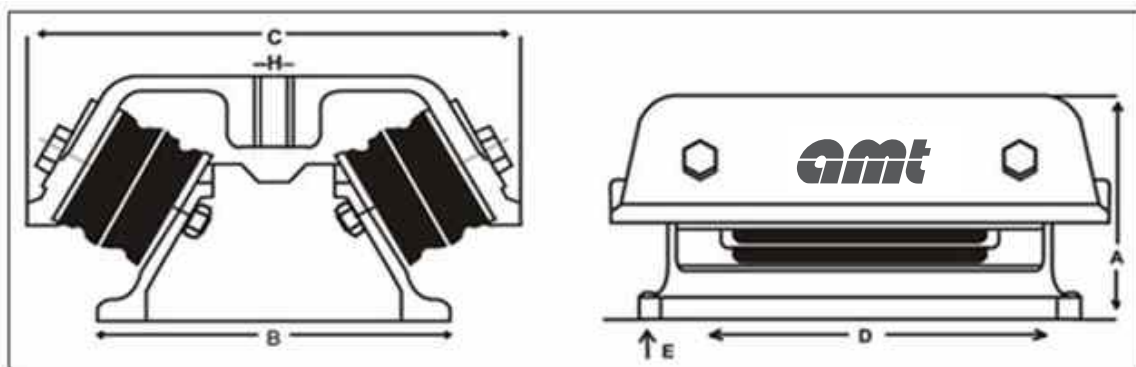
AMT Cushy Foot Mounts consists of two rubber sandwich pieces housed in specially designed robust iron casting. The mountings are protected against oil, physical & mechanical damages. AMT Cushy Foot Mounts give insulation against transverse, vertical and longitudinal stiffness, vibration & reduces transmission of vibrations, structure borne noise & shock from a wide range of rotating and reciprocating machineries. These mounts have very low natural frequencies and possess good lateral stability.

## Advantages

- Rubber to metal bonded rectangular elements inclined to achieve maximum load and deflection using a combination of compression and shear loading.
- High strength cast iron castings
- Rubber sandwich elements are effectively protected by the top casting and its extended skirt.
- Two different horizontal stiffness axis enable optimum system characteristics & vibration isolation to be achieved using careful orientation of the mounting.

## APPLICATIONS

- Gen-Sets
- Engine Test Beds.
- Lift Motor Gear.
- Chillers and Cooling Towers.
- Large Fans and AHU's.
- Pumps, Motors and Compressors.
- Vibrating Screens and Hoppers.
- Paper and Printing Machines
- Food Processing Machines
- Blowers



AMT Cushi Foot Mount Product Code	Max Load / Mount (kg)	Dimensions					
		A mm	B mm	C mm	D mm	E mm	H mm
AMT-C-A1	100	74	82	132	110	11	M12
AMT-C-A2	160						
AMT-C-A3	250						

# amt Neoprene Mounts



AMT Neoprene Mounts allow excellent attenuation of medium to high frequency vibration and noise generated from a wide range of motor driven machines particularly axial and centrifugal fans

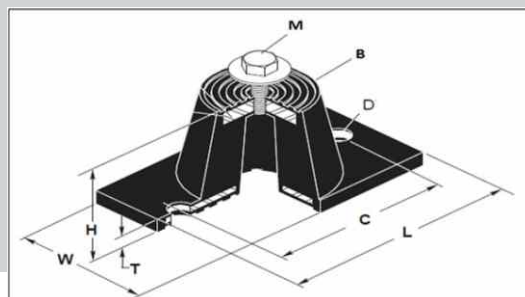
AMT Neoprene Mounts are used to isolate a wide range of equipment and can be bolted to equipment mounting holes with the supplied cap screw and washer. However it is not necessary to bolt these mountings to the floor on most installations. They can be used under flat bases that have no bolt holes in much the same manner as rubber pads. The mounting may be inverted so that the rectangular rubber covered steel base plate provides support over a large area.

## Advantages

- Economical. Quick and easy to install.
- Suitable as shock isolators for both active and passive vibrations.
- Bottom friction surface makes bolting not necessary in most installations
- Neoprene covering prevents corrosion of steel parts
- Prevents noise and high frequency vibrations
- Reduce machine maintenance and cost.

## APPLICATIONS

- Axial and Centrifugal Fans.
- Gen-Sets
- Air Handling Units.
- Refrigeration Plant and Chillers.
- Pumps and Motors.
- Rotary and Multi Cylinder Compressors.
- Test Rigs and Special Purpose Machines
- Paper and Printing Machinery
- Mills



Description	UOM	AMT Neoprene Mount Product Code						
		AMT N-A30	AMT N-A50	AMT N-A60	AMT N-A70	AMT N-B70	AMT N-C50	AMT N-C70
Min / Max Load per mount	Kg	10-30	20-70	90-350	120-550	200-700	200-1000	500-2200
Max Static Deflection	mm	7		13		13	8	
Dimensional Data								
L*W*H	mm	80*45*40		140*85*70		165*100*75		190*130*65
C	mm	60		105		127		155
T	mm	6		7		7		7
D	mm	10		14		14		14
B	mm	40		65		76		110
M	mm	M8		M12		M12		M16



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