



For Distributor & Internal Use Only

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Application Thrust, Torque & Weight Distribution Calculator

IsoFlex-VibCal-V9(0808)

Engine & Gearbox Specifications [as supplied]

Engine HP @ rpm Engine + Gearbox Weight [kg]

Gearbox Reduction :1 (If driven off engine, Reduction= 1.0)

Mount Loading Type: 50/50
 45/55

Hull Type

Using other Loading %

For Other Loading %:- Front % Rear %

Estimated Thrust Load [kg] =

Number of MOUNTS - FRONT Selected Mounts P1. M125XHD-24S-75

Approx Output Torque [Nm] =

Number of MOUNTS - REAR MD125HD-24DS-75

Load per MOUNT - FRONT [kg] } =

Load per MOUNT - REAR [kg] } =

Conversion Calculator

Enter KW = = HP

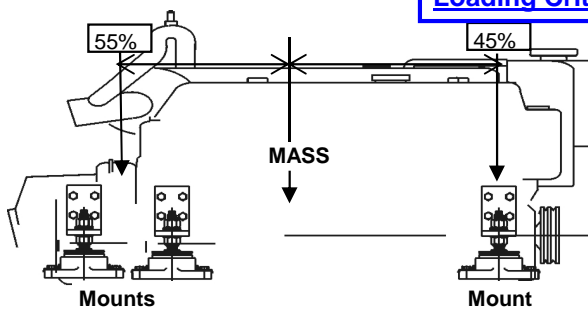
Enter kN = = kg

Enter lb = = kg

Technical Note: Weight Distribution

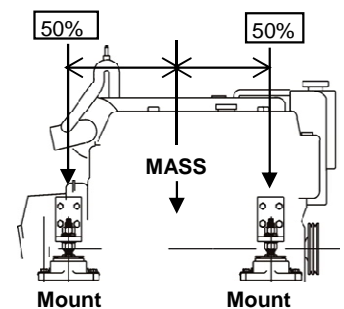
Loading Criteria - AXIAL

45 / 55 loading type
ie: where it is considered that the centre of gravity of the machinery is located as shown between front & rear mounts



Loading such that the front mounts support 45% & the rear mounts support 55% of the machinery weight.

50 / 50 loading type
ie: where it is considered that the centre of gravity of the machinery is located centrally between front & rear mounts.



Loading such that the front and rear mounts each support 50% of the machinery weight