

In our mechanical vibrators, the vibrations are produced by a pendulum rotating inside the vibrator head. A flexible, rotating driveshaft transfers the power mechanically to the pendulum from the power source through the hose. The driveshaft can be powered by a petrol engine or electric motor. Mechanical vibrators are sturdy and reliable, given the proper maintenance.



HUSQVARNA AA AND AZ SERIES | MECHANICAL VIBRATORS

MODERN CLASSICS YOU CAN TRUST

These classic mechanical pendulum vibrators have been refined over the years. Constant high vibration and simple design make them reliable, effective and offer great economical value. Both AA and AZ feature smart couplings with flexible shafts. These systems are powered by reliable, efficient drive units with low energy consumption.

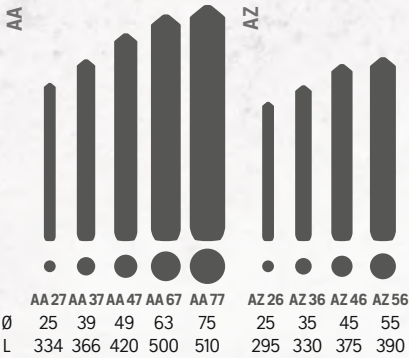
The conical shape of the pendulum raceway increases the friction area within the vibrator head to keep speed

up and prevent rpm losses. To reduce hand/arm vibrations and increase wear resistance, hose stiffener are used on large diameters.

The use of induction-hardened magnesium steel alloy in the major wearing parts and steel reinforcement in the rubber hose contribute to a long service life. The simple design makes maintenance easy and inexpensive. Service kits are available.

TUBE SIZES

All measurements are in mm. L = Length Ø = Diameter



ENERGY & DRIVE UNIT



CONSISTENCY

AA: Low to high slump
AZ: Medium to high slump

LIGHTER

To reduce weight, the pendulum shaft in the AZ model turns directly inside the end-cap.

TOUGH

High induction hardened steel parts.

USER FRIENDLY

AZ comes with a 5 metre hose.

RELIABILITY

AA 47, AA 67, AA 77 comes with a hose stiffer near the vibrating element for extended life time.

REACH IS KING

AA comes with a 6 metre hose.

POWER

Longer pendulum shaft turning in a bearing conical raceway extends lifetime with higher centrifugal force involved.

RADIUS OF ACTION

AA up to: 10× diameter



AZ up to: 8× diameter



HUSQVARNA AMD 3000 / AA 67

HUSQVARNA AMG 3200 / AZ 56

AA VIBRATORS

MECHANICAL VIBRATORS (PENDULUM TYPE)	AA 77	AA 67	AA 47	AA 37	AA 27
Tube diameter, mm	75	63	50	39	25
Frequency, vpm	9200	10500	11200	12000	12000
Hose length, m	6	6	6	6	6
Total weight, kg	29	25	23	19	10
Sound power, LW dB(A)	75.7	75.8	73	68	69
Vibration value, m/s ²	3.16	2.66	3.52	1.56	2.46

PART NUMBERS

Standard coupling	967 85 77-01	967 85 76-01	967 85 75-01	967 85 74-01	967 85 73-01
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AZ VIBRATORS

AZ 56	AZ 46	AZ 36	AZ 26
55	45	35	25
11300	12000	12000	12000
4.8	4.8	4.8	4.8
17	16	11.6	9.5
90.0	87.4	82.0	77.5
8.27	2.42	5.22	2.00

967 93 91-01	967 93 80-01	967 93 90-01	967 93 89-01
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HUSQVARNA AM DRIVE UNITS FOR AA AND AZ VIBRATORS



The AA and AZ systems are powered by reliable, efficient drive units with low energy consumption.

DRIVE UNITS	AMG 3200	AMD 3300	AME 1490	AME 2200
Fuel	Petrol	Diesel	Electric	Electric
Power, hp	4.8	4.4	2	3
Speed, rpm	2900	2900	2880	2880
Weight, kg	15	N/A	N/A	N/A
Engine brand	Honda	N/A	N/A	N/A
Sound power, LW dB(A)	103.8	N/A	N/A	N/A

PART NUMBERS

	967 97 19-01	967 96 75-01	—	—
1-phase	—	—	967 96 93-02	967 96 74-02
3-phase	—	—	967 96 93-01	967 96 74-01