



# DS6600/22-30 SHAKER SYSTEM

- BIG 21.7" DIAMETER ARMATURE
- ALL AIR COOLED

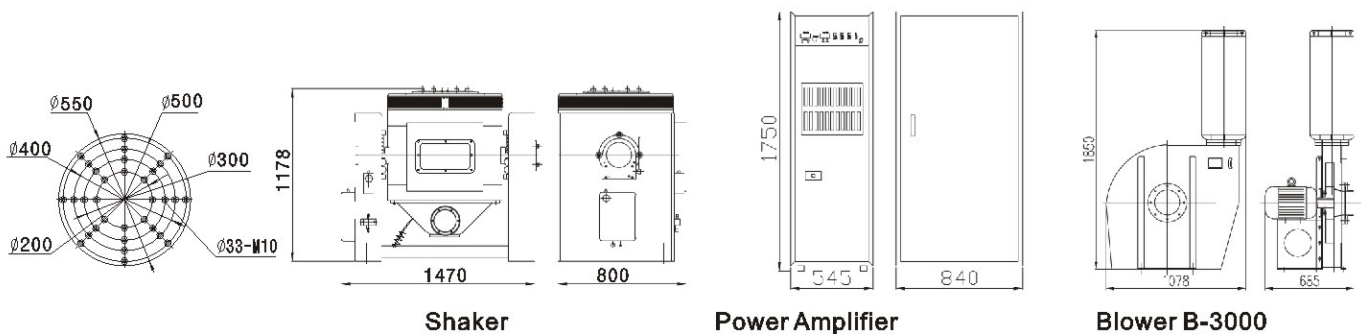
## TECHNICAL SPECIFICATION

Shaker Specifications DS6600/22			
Sine (Pk)	3,000 kgf (6,600 lbf)	Body Suspension Natural Frequency (Thrust Axis)	2.5 Hz
Random (RMS)	3,000 kgf (6,600 lbf)		
Shock (Pk)	6,000 kgf (13,200 lbf)	Table Diameter	550 mm (21.7" )
Usable Frequency	5 to 2,000 Hz	Armature Effective Nominal Weight	55 kg (121 lbs)
Maximum Displacement(p-p)	51mm (2" )		
Maximum Velocity	200 cm/s (78.7 in/s)	Load Attachment Points (Standard)	33 stainless steel M10 Inserts (UNC option)
Maximum Acceleration	50 g	Stray Flux Density @6 inch (152 mm) above table	< 1 mT (10 gauss)
Fundamental Resonance Frequency (Bare table)	2,200 Hz (nom.) ± 5%		
Vertical Load Support	500 kg (1,100 lbs)	Overall Dimensions	1288mmL×852mmD×1145mmH (50.7" L×33.5." D×45.1" H)
		Weight of Shaker(Uncrated)	2540 kg(5,588 lbs)

Power Amplifier Specifications SA-30		Blower Specifications B-3000	
Rated Output Capacity	30 kVA	Blower Power (Full Load)	7.5 kW (10 HP)(Based on 380VAC,50Hz)
Signal to Noise Ratio	Greater than 65 dB	Air Flow	0.46 m <sup>3</sup> /s (977 CFM)
Amplifier Efficiency	Greater than 90%	Air Pressure	8.8 kpa (1.28 PSI)
Interlock Protection(to prevent the output devices from working outside their specified limits)	<ul style="list-style-type: none"> <li>• Logic Fault</li> <li>• Input Phase Loss</li> <li>• Over-Voltage</li> <li>• Control Power</li> <li>• External Fault</li> <li>• Input Under-Voltage</li> <li>• Over-Temp (Field Coll and Driving Coil)</li> <li>• Over-Current</li> <li>• Air Pressure</li> <li>• Over-Travel</li> </ul>	Air Duct length	4m

System Environmental Requirement		SYSTEM OPTIONS	
Operating Room Temperature	0 to 40 degree C	• Slip Table Configuration	• Head Expander
Humidity	0 to 90%, non condensing	• V-Groove Caster and Rail System	• Thermal Barrier
Power Supply Requirement	380 VAC, 50 Hz, 3Ph, 48 kVA (All kinds of Power supply are optional)		• Remote Control
Compressed Air Requirement	0.6 Mpa (87 psi)		

※The standard cable length between Shaker and Power Amplifier is 6m.



NOTE: In keeping with our commitment to continuous product improvement, the information herein is subject to change.  
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