

PAS - Plastic Assembly Systems

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Ultrasonic Horns

A horn is an acoustic tool, usually titanium, aluminum or hardened steel, that transfers vibratory energy from the ultrasonic welder directly to the parts being assembled. PAS manufactures quality horns in 15 kHz, 20 kHz, 30 kHz and 40 kHz, all precision machined from high-grade alloys.

PAS provides a complete line of standard horns including: Half & Full Wave, Exponential & Catenoidal, Bar, Block, Rectangular, Round (High-Gain, Solid, Hollow and Slotted) as well as custom horns: Knurled and Serrated Faced, Vacuum, Nodal Plunger, Contoured and Composite.

