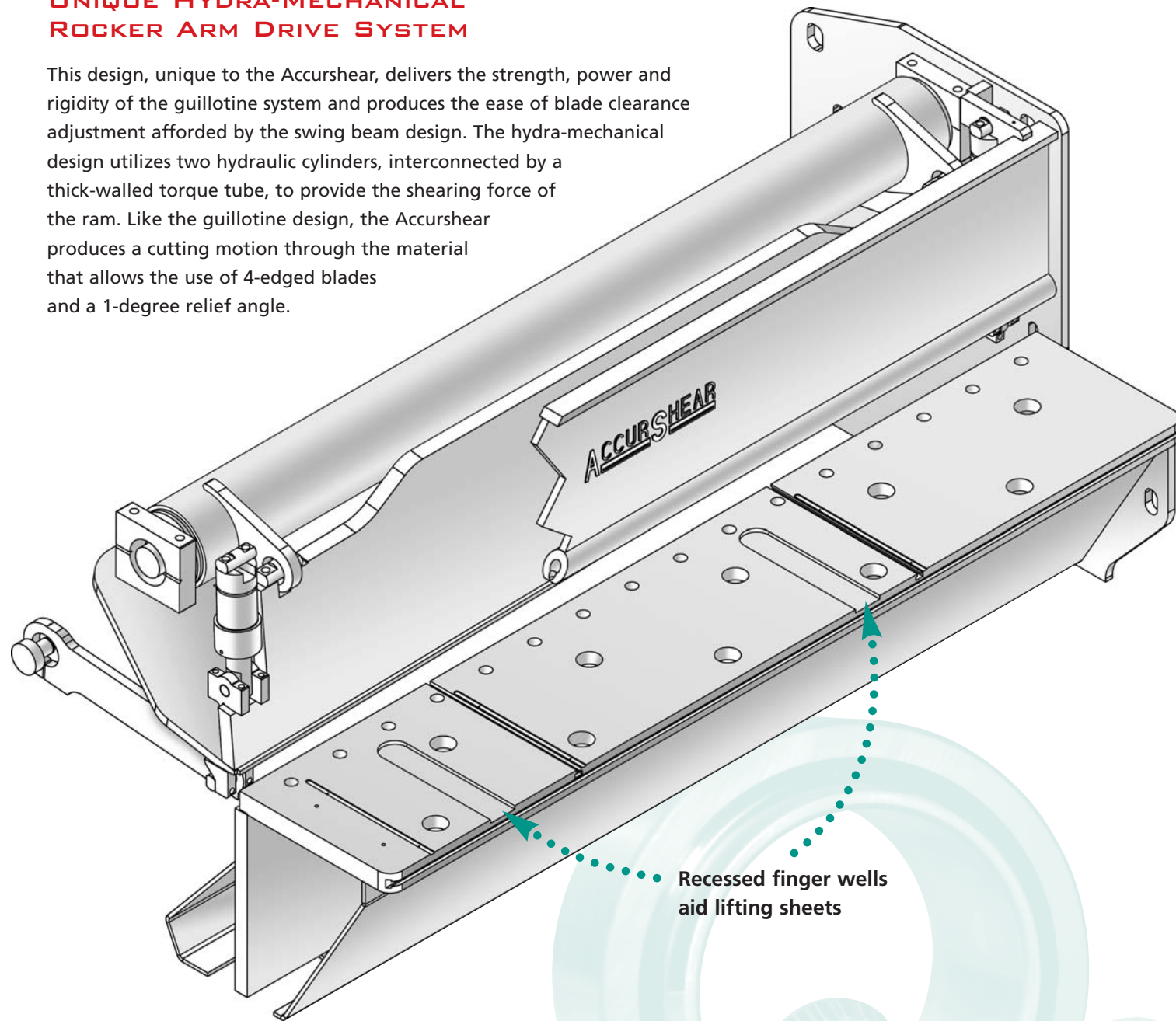


**UNIQUE HYDRA-MECHANICAL  
ROCKER ARM DRIVE SYSTEM**

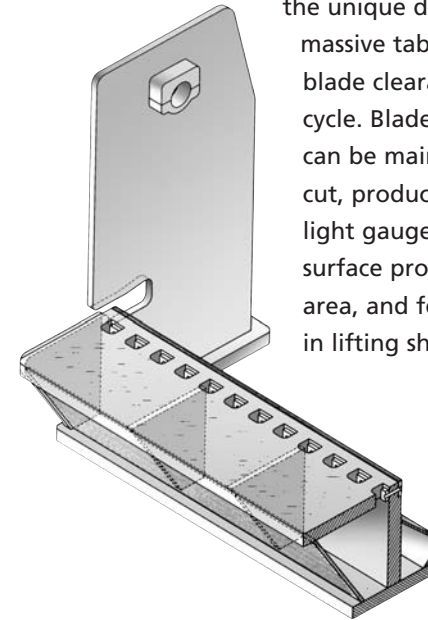
This design, unique to the Accurshear, delivers the strength, power and rigidity of the guillotine system and produces the ease of blade clearance adjustment afforded by the swing beam design. The hydra-mechanical design utilizes two hydraulic cylinders, interconnected by a thick-walled torque tube, to provide the shearing force of the ram. Like the guillotine design, the Accurshear produces a cutting motion through the material that allows the use of 4-edged blades and a 1-degree relief angle.



Recessed finger wells aid lifting sheets

**ULTRA-HEAVY FRAME  
STRUCTURE**

The Accurshear is designed with a fully welded boxed-in bed table structure that has a high torsion stiffness to balance the torsion load from the cutting force. The maximum rigidity of the unique design, combined with the massive table design, ensures constant blade clearance during the shearing cycle. Blade clearances as low as .002" can be maintained through the entire cut, producing quality shearing on light gauge material. A machined table surface provides a generous, flat work area, and features finger wells to aid in lifting sheets.



**HIGHEST SHEARING RATING  
CAPABILITIES**

All Accurshear models are rated to shear structural quality steel with typical mechanical properties up to 80,000 tensile and 44,000 yield strengths.



**WORLD-CLASS BEARINGS**

For over 25 years, the unique Accurshear design... coupled with high precision, spherical, self-aligning, maintenance-free bearings, zero clearance fitted on hard chrome shafts... have served to shear millions of pieces of metals in all types of shops from precision sheet metal to heavy plate fabricators.

**LOWEST FIXED RAKE ANGLES**

The amount of bow and twist produced on a sheared piece of metal is directly related to the rake angle of the shear. Higher rake angles will produce greater amounts of these distortions in the metal. Accurshears are manufactured with extremely low rake angles to ensure optimum shearing quality with minimum distortions in all gauges of metal.

Model #	Rake Angle
6135	3/16" per ft.
6250	1/4" per ft.
6375	5/16" per ft.
6500	3/8" per ft.
6625	3/8" per ft.
6750	7/16" per ft.
61000	1/2" per ft.

**QUALITY SHEARING BLADES**

The Accurshear uses the highest quality shear blades, specially developed to provide maximum longevity and to minimize re-sharpening. Depending on the shear capacity, either high carbon, high chrome, or high carbon/shock resisting blades are used for shearing a wide range of metals... such as aluminum, A36 plate, stainless, and titanium. An optional D2 blade, which offers additional hardness, is available as an option on the 6135 and 6250 series.

