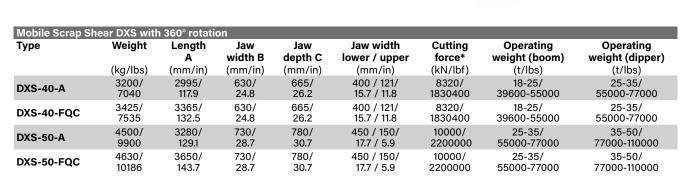
Mobile Scrap Shears with rotation

The Kinshofer DXS Mobile Shear with its 360° rotation has been engineered to achieve an optimal power to weight ratio. This robust tool can be used for a wide variety of jobs including steel structural demolition, scrap yards, conditioning of industrial mixed scrap and even processing steel-reinforced concrete.

- ▶ 25% more power and fast cycle times thanks to DemaPower 2.0.
- > Protected cylinder, robust shear arm.
- ▶ **Heavy duty bearings** for reduced bushing wear without allowance.
- ▶ Very high cutting force: **optimal power to weight ratio.** Robust mouth.
- ▶ Optimal mouth design with large opening for scrap.
- More cutting force by displaced angles of the two cutting blades.
- > All wear cutting blades can be turned three times.
- ▷ Exchangeable, weldable piercing tip.
- ▶ With integrated OQ80/4 adapter (version FQC) available.



* cutting force calculated at arm

Hydraulics						
Type	Open / close		Rotation		Back pressure	Cycle times
	Pressure max.	Flow				open/close
	(bar/psi)	(I/min/GPM)	(bar/psi)	(I/min/GPM)	(bar/psi)	(sec)
DXS-40	380 / 5510	200 - max. 300 / 53 - max. 79.5	140 / 2030	60 / 16	-	3,2 / 3,3
DXS-50	380 / 5510	300 - max. 400 / 79.5 - max. 105	140 / 2030	60 / 16	-	2,8 / 3,7

Performance data							
Type	Narrow	Medium	Narrow	Medium	Wide		
	I-beam	I-beam	H-beam	H-beam	H-beam		
DXS-40	IPE 600	INP 450	HEA 400	HEB 300	HEM 160		
DXS-50	IPE 700	INP 500	HEA 500	HEB 360	HEM 180		

Туре	Round	Hot rolled	Hot rolled	Metal sheet	Steel tube	
	angle steel	round steel	square steel	thickness	Ø x thickness	
	(mm/in)	(mm/in)	(mm/in)	(mm/in)	(mm/in)	
DXS-40	250x250x25 / 9.8x9.8x0.9	Ø 100 / 3.9	90 x 90 / 3.5 x 3.5	25 / 0.9	406 x 10 / 15.9 x 0.3	
DXS-50	300x300x25 / 11.8x11.8x0.9	Ø 115 / 4.5	100 x 100 / 3.9 x 3.9	25 / 0.9	457 x 10 / 17.9 x 0.3	

Dimensions: standardized wide flange beams (HEA, HEB, HEM) and section steel (IPE, INP) according to DIN EN 10 034 or cross section / sheet thickness in mm/in

Note: The capability to cut the above profiles assumes the tensile strength of the steel 370 N/mm² as well as the shear operating pressure of 350bar/5040psi. In borderline cases, we recommend an actual test cut is made to determine whether the profile in question can be cut. Larger beams can be often cut in two steps.

















Technical drawing

