DXS Mobile Scrap Shear with 360° 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.

Mobile Scrap Shear DXS with 360° rotation

Type	Weight	Length A	Jaw opening B	Jaw depth C	Jaw width lower / upper	Cutting force*	Operating weight (boom)	Operating weight (dipper)
	(kg)	(mm)	(mm)	(mm)	(mm)	(kN)	(t)	(t)
DXS-50-A	4500	3280	730	780	450 / 150	10000	25 - 35	35 - 50
DXS-50-FQC	4630	3650	730	780	450 / 150	10000	25 - 35	35 - 50

* cutting force calculated at arm

Hydraulics

Type	Open / close		Rotation		Back pressure	Cycle times open/close
	Pressure max.	Flow				
	(bar)	(bar)	(bar)	(l/min)	(bar)	(sec)
DXS-50-A	**380**	300 - max. 400	**140**	60	-	2,8 / 3,7

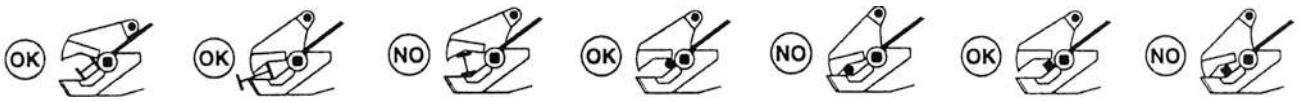
Performance data

Type	Narrow I-beam	Medium I-beam	Narrow H-beam	Medium H-beam	Wide H-beam
DXS-50-A	IPE 700	INP 500	HEA 500	HEB 360	HEM 180

Type	Round angle steel	Hot rolled round steel	Hot rolled square steel	Metal sheet thickness	Steel tube Ø x thickness
DXS-50-A	300 x 300 x 25	Ø 115	100 x 100	25	457 x 10

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

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 350 bar / 5040 psi. 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 drawings