

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 (kg/lbs) | Length A (mm/in) | Jaw width B (mm/in) | Jaw depth C (mm/in) | Jaw width lower / upper (mm/in) | Cutting force* (kN/lbf) | Operating weight (boom) (t/lbs) | Operating weight (dipper) (t/lbs) |
|-------------------|--------------------|------------------------|---------------------------|---------------------------|---------------------------------------|-------------------------------|---------------------------------------|---|
| DXS-40-A | 3200/ 7040 | 2995/ 117.9 | 630/ 24.8 | 665/ 26.2 | 400 / 121/ 15.7 / 11.8 | 8320/ 1830400 | 18-25/ 39600-55000 | 25-35/ 55000-77000 |
| DXS-40-FQC | 3425/ 7535 | 3365/ 132.5 | 630/ 24.8 | 665/ 26.2 | 400 / 121/ 15.7 / 11.8 | 8320/ 1830400 | 18-25/ 39600-55000 | 25-35/ 55000-77000 |
| DXS-50-A | 4500/ 9900 | 3280/ 129.1 | 730/ 28.7 | 780/ 30.7 | 450 / 150/ 17.7 / 5.9 | 10000/ 2200000 | 25-35/ 55000-77000 | 35-50/ 77000-110000 |
| DXS-50-FQC | 4630/ 10186 | 3650/ 143.7 | 730/ 28.7 | 780/ 30.7 | 450 / 150/ 17.7 / 5.9 | 10000/ 2200000 | 25-35/ 55000-77000 | 35-50/ 77000-110000 |

* cutting force calculated at arm

Hydraulics

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

Performance data

| Type | Narrow I-beam | Medium I-beam | Narrow H-beam | Medium H-beam | Wide 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 |

| Type | Round angle steel (mm/in) | Hot rolled round steel (mm/in) | Hot rolled square steel (mm/in) | Metal sheet thickness (mm/in) | Steel tube Ø x thickness (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

