FIXED SHEAR BALER

KOS

KOS: DESIGNED FOR THE FUTURE



A shear baler for the future, a significant development in scrap metal shearing.

The essential machine for recycling and demolition.

KOS: A shear baler for the future, a significant evolution in scrap metal shearing. The essential tool for recycling and demolition. In an ever-changing market, the new KOS shear balers represent an important step forward by offering futuristic features and technologies. These shears offer efficiency, versatility and durability, making them a valuable investment for companies in the industry.

FEATURES

- **Fast-loop**: This technology reduces work cycle times through a new electro-hydraulic circuit that improves operational efficiency.

- **REG**: This technique enables constant alignment of the movable blade holder, maintaining cutting performance over time.

- EPO: New and more advanced operating program.

- SBxx: New geometries of the scrap pre-stressing box.





FIXED SHEAR BALER

BALER SHEAR "KOS"		X1	X2
Shear cylinders	n.	2	2
Cutting force	t	1100	1200
Cutting width	mm	1100	1100
Clamp	t	240	360
SB: Swinging wings compression system		SBxx	SBxx
Over stroke on both wings with 90° stop		\checkmark	\checkmark
Open box dimension	mm	2600x7200	2600x7200
Cylinders for each wing	n.	3	3
Main compression cylinder	t	180	180
Electric motor	kw	2x160	2x200
Diesel engine (on demand)	hp	400	500



ADVANTAGES

Efficiency: The new shears offer higher hourly output thanks to FAST-LOOP technology.

Versatility: The ability to process different types of scrap adapting to different shapes and sizes of material, with fast and efficient pre-compression times due to the new SBxx geometry of the wings.

Durability: Construction using high-strength and wear-resistant steel and HD (heavy duty) one-piece design ensure long operating life even under extreme conditions.

Sustainability: Reduced environmental impact through the use of high-efficiency electric motors, energy recovery systems and a percolate collection tank. The shear is supported by a structural frame, housing the cover cylinders, where the pipes run protected. At the rear of the frame is housed the percolate collection tank to prevent accidental leakage, in com-

pliance with hygiene and environmental safety regulations.

Safety: advanced safety methods to protect operators, such as safety radar, advanced emergency stop techniques and remote monitoring.

Easy Maintenance: its modular design makes it easy to maintain and replace components, reducing downtime.

Reduced Operating Costs: Optimization of operating costs through energy efficiency, production capacity and reduced maintenance costs.

Does not require foundations



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