

## THE STRENGTHS OF OUR TECHNOLOGY

### WHAT DISTINGUISHES THE PSH KRAKEN PRE-SHREDDER



#### High production performance

The Kraken series guarantees **high production standards** even when processing **heavy scrap**. The shredding logic, combined with a solid mechanical structure, allows **large loads** to be handled without interruption, with a **constant and efficient operational flow**.



#### Effective volumetric reduction

Designed in-house, the **gear shafts** are one of the distinctive elements of the Kraken series. Their configuration ensures **precise and effective tearing**, capable of reducing material in a **single step**, even when dealing with bulky or compact scrap.



#### Intelligent management

The **hydraulic system**, equipped with variable displacement pumps and electronic control, allows torque and speed to be adjusted **according to the material** being processed. This guarantees a **dynamic response** to mechanical stresses and complete **versatility** in handling.



#### Fields of application

Designed to offer maximum **processing flexibility**, the Kraken series can handle a **wide variety of scrap**, such as cars and car bales even complete with engine and mechanics, aluminium profiles and bales, ferrous scrap, mixed and bulky scrap.



#### Structural quality

In line with Panizzolo's Quality Policy, the Kraken series stands for **durability and reliability**. Certified metalwork, reinforced welds and components selected from Italian and Northern European suppliers guarantee structural **solidity** and **maximise the investment** in the long term.



#### Simplified maintenance

The Kraken series is designed to **minimise downtime** and simplify all maintenance activities. The quick release of the shafts allows **fast and targeted operations**, while the bearing supports protect the mechanical parts from dirt and contamination.



# It's time to **maximize** the **value** of **metals**

Via Giacomo Matteotti, 6  
35020 Arzergrande  
Padova - Italia

+39 049 9731038  
info@panizzolo.com

Discover more  
panizzolo.com

we are social



ENGLISH

## PSH KRAKEN Pre-Shredders Series



For the volumetric reduction of heavy scrap metal

## TOWARDS THE FUTURE OF THE SECTOR

The synthesis of advanced know-how, the Kraken series sets **new standards** in volume reduction. In **combination with the Mega hammer mills**, Kraken pre-shredders elevate the capacity of the plant, **maximising** overall performance.

**Productivity, robust construction** and **ease of maintenance** result in a reliable, **efficient** solution that can be perfectly integrated into **modern industrial environments**.





WHY CHOOSE  
A PANIZZOLO KRAKEN PRE-SHREDDER

Process safety  
and reliability

Kraken pre-shredders **protect** the treatment **process** by intervening on critical elements such as **cylinders and tanks**, which are torn and freed from any residual flammable gases or liquids. This approach reduces the risk of damage or anomalies in subsequent stages and **protects the safety** of the plant.

Fast and flexible  
configuration

The **electrical panel** and **hydraulic power unit** are located in dedicated containers, designed to **facilitate** transport, installation and start-up operations. A **compact and functional** solution that simplifies logistics management and optimises set-up time.

Advanced treatment  
control

The control software, developed in-house, manages the operation of the machine through **predefined recipes** optimised according to the scrap, which can be customised or created from scratch. This results in a more **stable, linear and energy-efficient** treatment process.

High-performance  
gearboxes

The Kraken series incorporates planetary gearboxes designed to withstand **high loads** and particularly harsh operating conditions. **High performance** is guaranteed by technology partners that are internationally recognised for the excellence of their **quality standards**.



DISCOVER  
THE KRAKEN  
SERIES IN ACTION



VOLUMETRIC REDUCTION  
even for the heaviest scrap



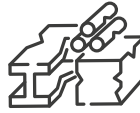
MOTOR VEHICLES AND CAR BALES

Also complete with engine and mechanics



ALUMINIUM

Profiles, bales and mixed



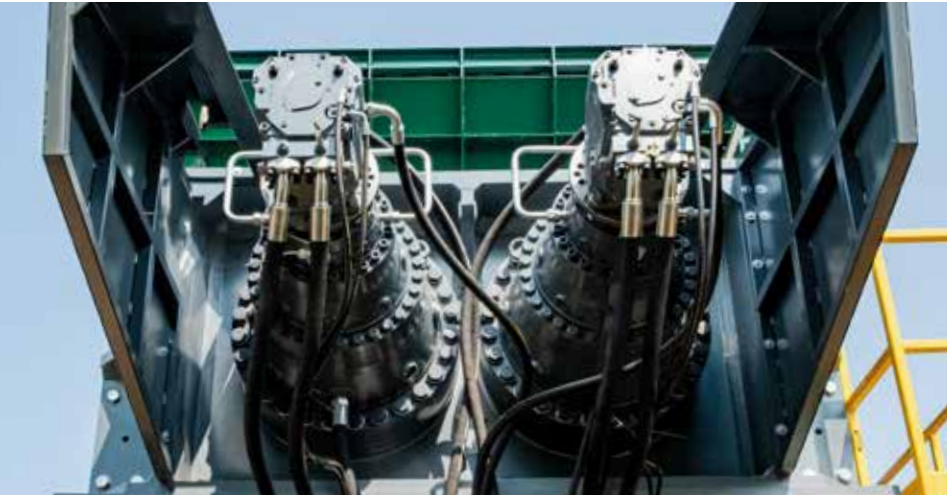
SCRAP

Mixed, bulky, ferrous collection



METALS

Mixed, WEEE, bulky



PLANETARY  
GEARBOXES

For high  
loads



GEAR  
SHAFTS

Designed  
in-house

TECHNICAL SPECIFICATIONS

	PSH KRAKEN 2300	
	US UNITS	METRIC UNITS
Motor power	845 HP (2 x 422 HP)	630 kW (2 x 315 kW)
Total weight	209,500 lbs	95.000 kg
Full shaft weight	2 x 24,300 lbs	2 x 11.000 kg
Cutting chamber size (WxD)	91 x 88 in	2.300 x 2.250 mm
Machine size (WxDxH)	362 x 148 x 288 in	9.200 x 3.750 x 7.300 mm
Maximum hydraulic circuit pressure	6.092 psi	420 bar
Minimum rotation speed	2.50 Rpm	2,50 Rpm
Maximum rotation speed	10 Rpm	10 Rpm
Total number of claws	7+7=14	7+7=14

Technical data may change without prior notice and without any liability on the part of the company.