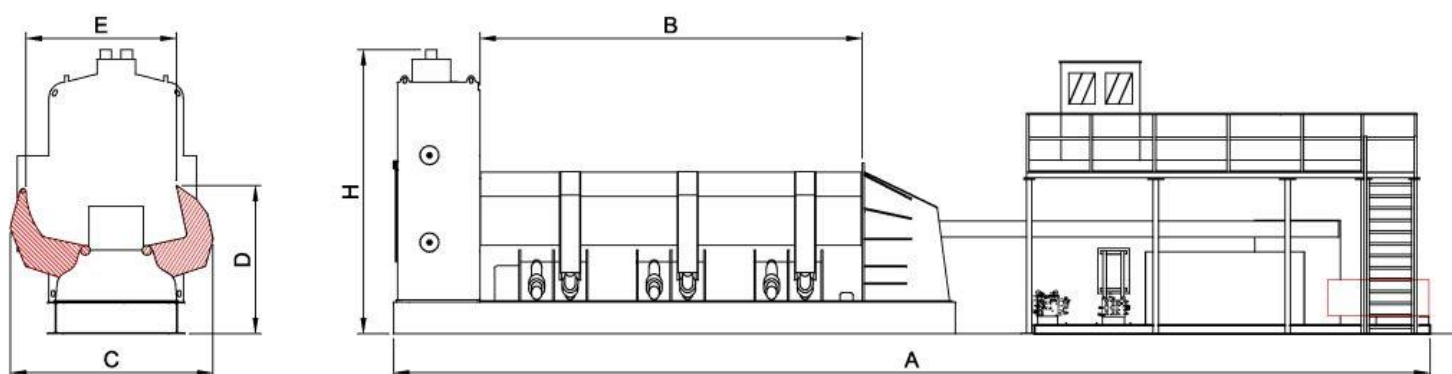
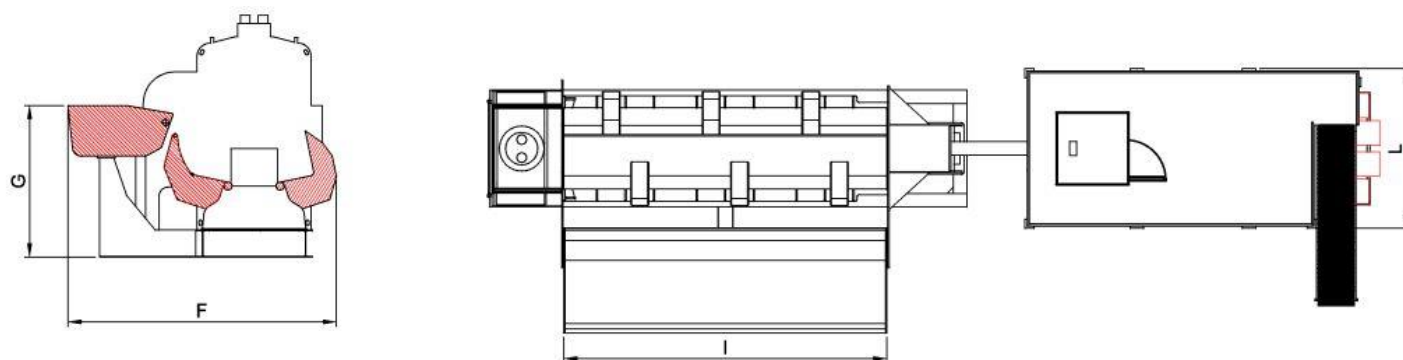


# KATANA mod.3810

*SHEAR BALER FOR SCRAP TREATMENT*



SHEAR BALER – STANDARD CONFIGURATION



SHEAR BALER WITH PRE-LOAD HOPPER

<b>SHEAR BALER KATANA mod.3810 DIMENSION</b>	
TOTAL LENGTH (A)	~20500 mm
COMPRESSION BOX LENGTH (B)	8000 mm
WIDTH (C)	3790 mm
CHARGING HEIGHT (D)	2805 mm
COMPRESSION BOX WIDTH (with wings open) (E)	2850 mm
OVERALL WIDTH WITH PRE-LOAD HOPPER (F)	5990 mm
PRE-LOAD HOPPER HEIGHT (G)	3370 mm
SHEAR BALER HEIGHT (H)	5780 mm
PRE-LOAD HOPPER LENGTH (I)	8000 mm
PLATFORM WIDTH (L)	3550 mm
SHEAR BALER (standard configuration) WEIGHT	161000 kg
SHEAR BALER (with pre-load hopper) WEIGHT	172000 kg

<b>SHEAR BALER KATANA mod.3810 TECHNICAL SPECIFICATIONS</b>	
<b>➤ SHEAR</b>	
- Shear cylinder (cutting force)	1000 t
- Cutting width	1040 mm
- Cutting height	830 mm
- Vertical hold down	Yes
- Hold down cylinder (compression force)	120 t
- n° of complete cycles with material	4 c/1'
- Shear head greasing system	Automatic
<b>➤ PRE-COMPRESSION BOX AND SHEAR FEEDING</b>	
- Oscillating wings with internal crossing cylinders (wings and base are made in anti-wear steel Hardox – structural)	Yes
- Box length	8000 mm
- Opened box width	2850 mm
- Bale's dimensions	1000x800 mm
- Cylinders on each wing	3
- Max. compression force on each wing	480 t
- Pre-compression box lubrication	Manual
- Steel base frame height	600 mm
<b>➤ FEEDING</b>	
- Longitudinal compression cylinder (max compression force)	180 t
<b>➤ HYDRAULIC UNIT</b>	
- Constant power piston pump (variable output)	(4x2)K3V 200 I
- Pump for oil cooling and filtering	504 l/min

- Piloting pump	30 l/min
- Hydraulic oil tank	8200 l
- Manifold block	Yes
- Security valve	Internal
- Valve for shear cylinder fast oil discharge	Internal
- Valve for feeding cylinder fast oil discharge	Internal
- Oil filtering system after the pump	Yes
- Oil filtering circuit on the return	Yes
- Oil filtering system on piloting pump	Yes
- Air/oil cooling	Yes
- Max pressure	350 bar
<b>➤ POWER UNIT</b>	
- Electric version <ul style="list-style-type: none"> <li>• Main electric motor</li> <li>• Secondary electric motor</li> <li>• Electric cabinet</li> </ul>	4x90/110 kW 18,5 kW Yes
<b>➤ ELECTRONIC UNIT</b>	
- PLC + control console with touch screen display or - PLC + control console with touch screen display + radio remote control (optional) or - PLC + radio remote control (optional) + electric cabinet with touch screen display	
- Wireless modem + repeater hub + antenna or - 2G/3G Wireless modem + antenna	
<b>➤ OPTIONAL ON DEMAND</b>	
- Warning acoustic signal system (siren)	
- Radio remote control	
- Inverter	
- Cold climate package with programmed starting of the oil heating system	
- Laser sensor controlled feed ram	
- Pre-load hopper	
- Electric components with UL label	
- Operator cab air conditioning	

<b>➤ CUTTING CAPACITY</b>	
- Square bar	180 mm
- Round bar	Ø190 mm
- Flat plate	850x110 mm
<b>➤ PRODUCTION</b>	
- Light material (cut 50 cm)	26÷30 Mtons/h
- Heavy material (cut 50 cm)	30÷36 Mtons/h

Please note that: the stated production rates are indicative and could change according to:

- the size and type of the material,
- the condition of the blades,
- the capacity of loading,
- the length of the cut,
- as well as the ability of the operator and presence of preloading table.

