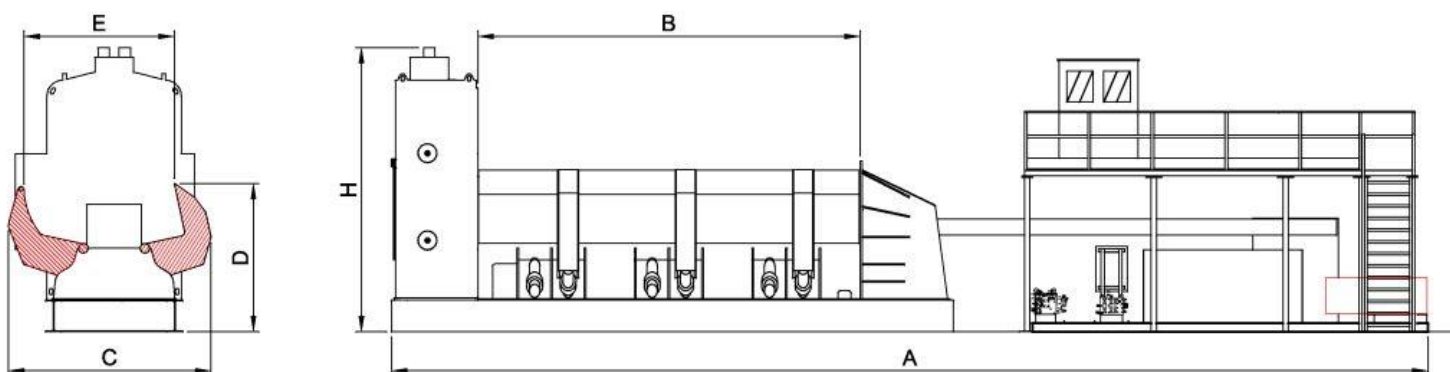
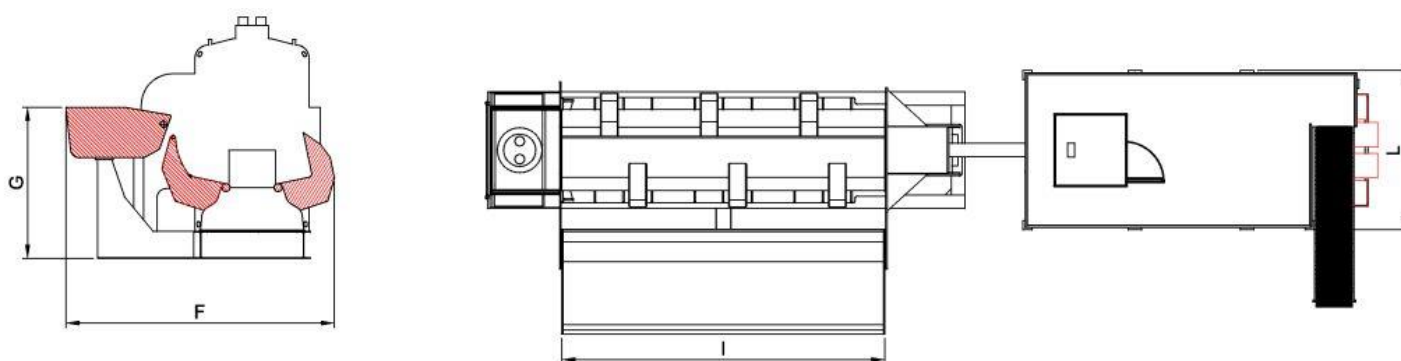


KATANA mod.3710

SHEAR BALER FOR SCRAP TREATMENT



SHEAR BALER – STANDARD CONFIGURATION



SHEAR BALER WITH PRE-LOAD HOPPER

SHEAR BALER KATANA mod.3710 DIMENSION	
TOTAL LENGTH (A)	~19650 mm
COMPRESSION BOX LENGTH (B)	7200 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)	7200 mm
PLATFORM WIDTH (L)	3550 mm
SHEAR BALER (standard configuration) WEIGHT	154000 kg
SHEAR BALER (with pre-load hopper) WEIGHT	165000 kg

SHEAR BALER KATANA mod.3710 TECHNICAL SPECIFICATIONS	
➤ SHEAR	
- 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
➤ PRE-COMPRESSION BOX AND SHEAR FEEDING	
- Oscillating wings with internal crossing cylinders (wings and base are made in anti-wear steel Hardox – structural)	Yes
- Box length	7200 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
➤ FEEDING	
- Longitudinal compression cylinder (max compression force)	180 t
➤ HYDRAULIC UNIT	

- Constant power piston pump (variable output)	4 x double pump K3V200L
- 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
➤ POWER UNIT	
- Electric version <ul style="list-style-type: none"> • Main electric motor • Secondary electric motor • Electric cabinet 	4x90/110 kW 18,5 kW Yes
➤ ELECTRONIC UNIT	
- PLC + control console with touch screen display	
- Wireless modem + repeater hub + antenna	
➤ OPTIONAL ON DEMAND	
- 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	

➤ CUTTING CAPACITY	
- Square bar	180 mm
- Round bar	Ø190 mm
- Flat plate	850x110 mm
➤ PRODUCTION	
- 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.

