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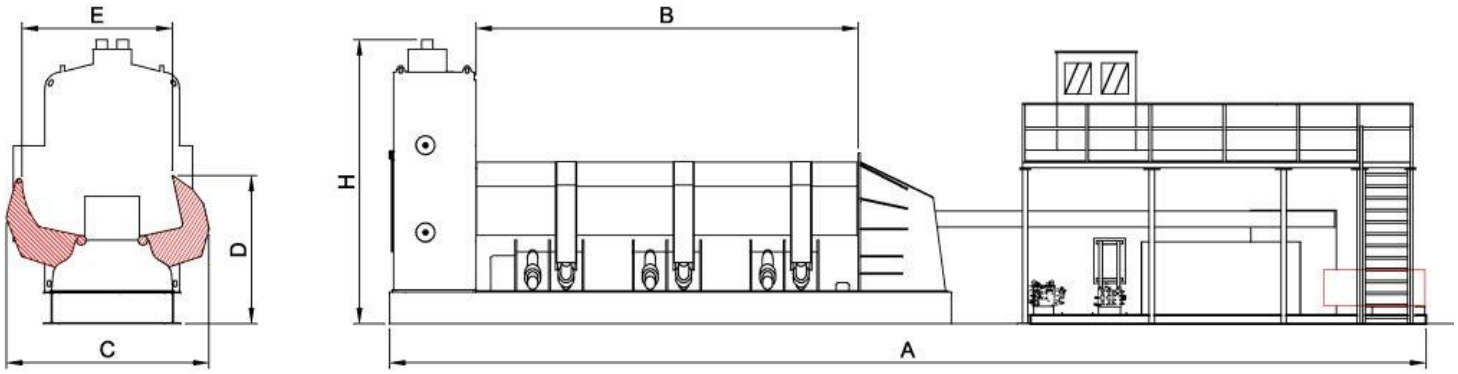
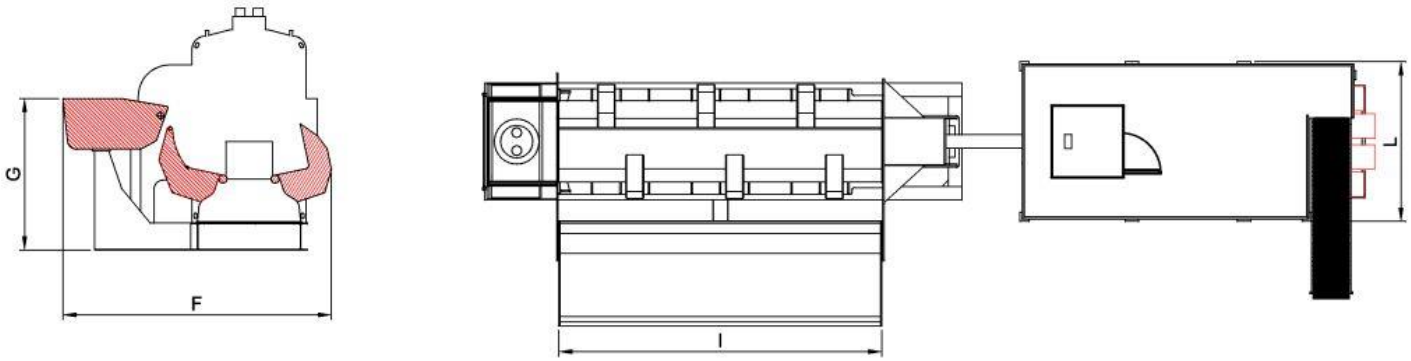
MACCHINE ED ATTREZZATURE PER IL RICICLAGGIO E L'ECOLOGIA

KATANA mod.378

SHEAR BALER FOR SCRAP TREATMENT



SHEAR BALER – STANDARD CONFIGURATION



SHEAR BALER WITH PRE-LOAD HOPPER

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SHEAR BALER KATANA mod.378 DIMENSION	
TOTAL LENGTH (**A**)	~18000 mm
COMPRESSION BOX LENGTH (**B**)	7000 mm
WIDTH (**C**)	3420 mm
CHARGING HEIGHT (**D**)	2490 mm
COMPRESSION BOX WIDTH (with wings open) (**E**)	2600 mm
OVERALL WIDTH WITH PRE-LOAD HOPPER (**F**)	5610 mm
PRE-LOAD HOPPER HEIGHT (**G**)	3110 mm
SHEAR BALER HEIGHT (**H**)	4500 mm
PRE-LOAD HOPPER LENGTH (**I**)	7000 mm
PLATFORM WIDTH (**L**)	3550 mm
SHEAR BALER (standard configuration) WEIGHT	94000 kg
SHEAR BALER (with pre-load hopper) WEIGHT	102000 kg

SHEAR BALER KATANA mod.378 TECHNICAL SPECIFICATIONS	
➢ **SHEAR**	
- Shear cylinder (cutting force)	800 t
- Cutting width	950 mm
- Cutting height	720 mm
- Vertical hold down	Yes
- Hold down cylinder (compression force)	90 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	7000 mm
- Opened box width	2600 mm
- Bale’s dimensions	900x700 mm
- Cylinders on each wing	3
- Max. compression force on each wing	380 t
- Pre-compression box lubrication	Manual
- Steel base frame height	500 mm
➢ **FEEDING**	
- Longitudinal compression cylinder (max compression force)	180 t
➢ **HYDRAULIC UNIT**	
- Constant power piston pump (variable output)	(2 for each motor) K3VL(200÷260)

- Pump for oil cooling and filtering	180 l/min
- Piloting pump	7 l/min
- Fan drive pump	40 l/min
- Hydraulic oil tank	5000 l
- Manifold block (logic system)	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 • Main electric motor • Secondary electric motor • Electric cabinet	 2x110 kW 15 kW Yes
- Diesel version • Iveco diesel engine	 375kW (502hp)
➢ **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	
- Operator cab climate package	
- Sound proofing for diesel engine	
- Electric components with UL label	
➢ **CUTTING CAPACITY – MILD STEEL -**	
- Square bar	150 mm
- Round bar	Ø170 mm
- Flat plate	800x90 mm

➢ **PRODUCTION**
- Light material (cut 50 cm) 15÷20 Mtons/h
- Heavy material (cut 50 cm) 18÷26 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.