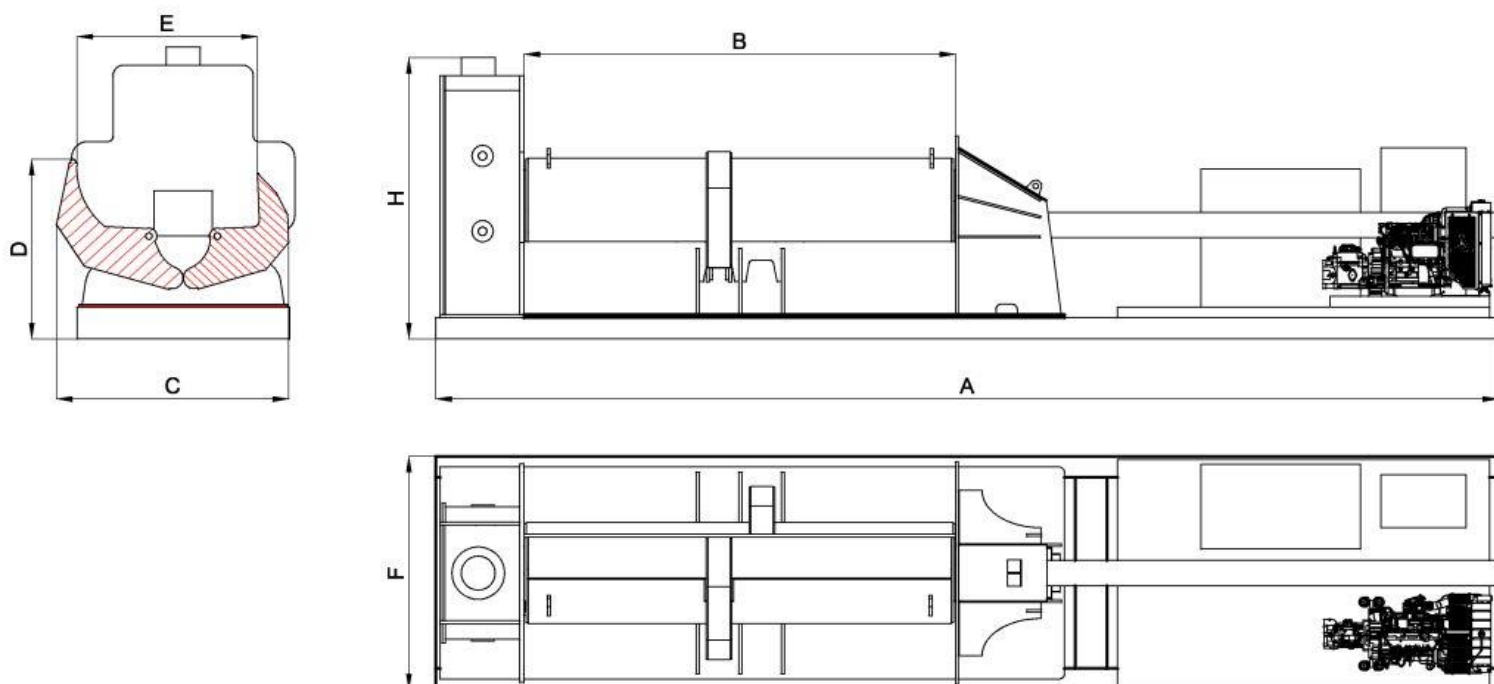


# SMART mod.1425

*SHEAR BALER FOR METAL SCRAP TREATMENT*



SHEAR BALER – STANDARD CONFIGURATION

## SHEAR BALER SMART mod.1425 DIMENSION

TOTAL LENGTH (A)	~10000 mm
COMPRESSION BOX LENGTH (B)	4000 mm
WIDTH (C)	2180 mm
CHARGING HEIGHT (D)	1690 mm
COMPRESSION BOX WIDTH (with wings open) (E)	1700 mm
SHEAR BALER WIDTH DURING TRANSPORT PHASE	2200 mm
SHEAR BALER HEIGHT (H)	3410 mm

<b>SHEAR BALER SMART mod.1425 TECHNICAL SPECIFICATIONS</b>	
<b>➤ SHEAR</b>	
- Shear cylinder (cutting force)	250 t
- Cutting width	550 mm
- Cutting height	425 mm
- 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	4000 mm
- Opened box width	1700 mm
- Bale's dimensions	500x400 mm
- Cylinders on each wing	1
- Max. compression force on each wing	90 t
- Pre-compression box lubrication	Manual
- Steel base frame height	250 mm
<b>➤ FEEDING</b>	
- Longitudinal compression cylinder (max compression force)	100 t
<b>➤ HYDRAULIC UNIT</b>	
- Constant power piston pump (variable output)	2 x K3V112L
- Pump for oil cooling and filtering	90 l/min
- Piloting pump	6 l/min
- Hydraulic oil tank	1100 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	
• Main electric motor	75 kW
• Secondary electric motor	11 kW
• Electric cabinet	Yes

- Diesel version • Iveco diesel engine	93kW (124hp)
<b>➤ ELECTRONIC UNIT</b>	
- PLC + radio remote control + electric cabinet with touch screen display + push-button panel	
- Wireless modem + repeater hub + antenna or - 2G/3G Wireless modem + antenna	
<b>➤ OPTIONAL ON DEMAND</b>	
- Warning acoustic signal system (siren)	
- Inverter	
- Cold climate package with programmed starting of the oil heating system	
- Laser sensor controlled feed ram	
- Operator cab + control console	
- Operator cab climate package	
- Sound proofing for diesel engine	
- Jack – lift system equipped with four swinging cylinders (height 1100 mm)	
- Clamp	
- Electric components with UL label	
<b>➤ PRODUCTION</b>	
- Metal material (cut 50 cm) 2÷4 tons/h	
- Light iron material (cuts 50 cm) 3÷5 tons/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.