

SACMA CUT TO LENGTH LINE 1850mm x .5–2.5mm

ROTARY SHEAR TYPE

MAIN TECHNICAL DATA

MATERIAL	Type		CARBON STEEL
THICKNESS	Minimum	mm	.5
	Maximum	mm	02.05.00
COIL WIDTH	MAX	mm	1860
DECOILER	COIL WEIGHT	kg	25.000
	COIL I.D.	mm	508 - 608
	COIL O. D. MAX	mm	2000
	DECOILING MODE		FROM BOTH TOP AND BOTTOM
SHEET FORMAT	MAX LENGTH	mm	6.000
	MIN LENGTH	mm	450
	MAX WIDTH	mm	1850
	MIN WIDTH	mm	700
	MAX HEIGHT	mm	300 - WITH EUROPALLET
LINE SPEED	MAX	m/min	60
DIRECTION			RIGHT TO LEFT

TENSION		V	400
MOTORIZATION	MAIN	DC	LEVELLER
			ROTARY SHEAR
			PINCH ROLLS
			TRANSFER BELTS
			SHEET STACKER
	AUX.	AC	
ELECTROVALVES		V	24/110
HYDRAULIC PRESSURE		BAR	140
AIR PRESSURE		BAR	6
PAINTS	Structures		GREEN - RAL 6011 (epox., embossed)
	Mobile parts		YELLOW - RAL 1003
	El. cabinet & contr. desk		GREY - RAL 7035

DESCRIPTION

1. Composition

- ☐ COIL LOADING CAR
- ☐ DOUBLE EXPANDING MANDREL DECOILER (hydraulic drive)
- ☐ SNUBBER ROLL (with hydraulic rotation & up-down motion)
- ☐ COIL INTRODUCTION TABLE (telescoping, with hydraulic lifting)
- ☐ OIL DISPENSER
- ☐ LEVELLER (IV HIGH) SACMA 17 ROLL
- ☐ 8 SETS OF BACK-UP ROLLS hydraulically-operated
- ☐ DC MOTOR DRIVEN PINCH ROLLS
- ☐ ROTARY SHEAR (cap.: 2000mm x 4 mm)
- ☐ DC MOTOR DRIVEN BELT CONVEYOR
- ☐ SCRAP BOX
- ☐ DC MOTOR DRIVEN BELT CONVEYOR TO SHEET STACKER
- ☐ DOUBLE BOX MAGNETIC STACKER (3000+3000 mm) -- DC MOTOR
- ☐ EVACUATOR (CATENARY)
- ☐ AUTO. STRAPPING MACHINE
- ☐ ELECTRICAL CABINETS & CONTROL DESK
- ☐ HYDRAULIC POWER PACK
- ☐ SECOND SET OF LEVELLER WORK ROLLS (SPARES)
- ☐ SECOND SET OF GUILLOTINE SHEAR BLADES (SPARES)

1.1. Hydraulics

- Hydraulic power pack :
 - Tank
 - Hydr. pump
 - El. motor
 - Piping

1.2. Pneumatics

- Air compressor not included

1.3. Electrics / Electronics

- 1 Electric cabinet complete of converters for the control of motors
- 1 Main control desk

- 2 Secondary control desks (loading & unloading zones)

2. TOOLING

- Blades and leveller work rolls / second set (^)

3. DOCUMENTATION

3.1. General Layout drawings complete with:

- Line dimension
- Location, center-lines and elevations
- Location & dimensions, anchor bolts
- Connection points for air & el. power

3.2. Schemes - Electrics

- Electrical diagrams
- Power and control diagrams
- PLC software

3.3. Schemes - Hydraulics

- Details of every device / component listing
- Diagrams with the location of each component

3.4. Schemes - Pneumatics

- Details of every device / component listing

- Diagrams with the location of each component

4. OUT OF SUPPLY (exclusions)

The hereby listed items are not included in the supply

4.1. FOUNDATIONS

- ☒ 'Civil works'
- ☒ Foundations work for the line
- ☒ Anchor bolts, rods, plates, chemical bolts, concrete, and any other material for the installation

4.2. POSITIONING AND INSTALLATION

- ☒ Transport
- ☒ Equipment handling operations, at destination
- ☒ Equipment positioning and installation

4.3. CABLES, START-UP OPERATION

- ☒ Cables and connections to air & el. sources
- ☒ Air compressor
- ☒ Pipings and structures at the User's works
- ☒ First-use oils

4.4. RUNNING TEST & TRAINING

- ☒ Men for first start-up
- ☒ Material/s for the equipment test
- ☒ Electrical / pneumatic/ hydraulic connections to main sources
- ☒ Training of operators

4.5. SAFETIES

- ☒ Safety barriers
- ☒ Fire-prevention systems
- ☒ Coverings

- ☒ Any other costs not mentioned in this Text