SIAT MAILLIS

click here to watch the machine video

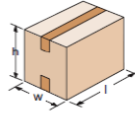# SM44HD MACHINECARD

DATE

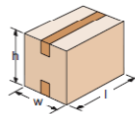CUSTOMER

MACHINE TYPE   SM44   SM44/4

SM44HD+AS24HD

SM44/4+AS24HD

SM44-HD Range : Automatic Random Cartons Sealing Machines

Standard

Taping Head K11/70	L	W	H
Min.	200	160	140
Max.	600	500	500

Taping Head K11/50	L	W	H
Min.	200	160	140
Max.	600	500	500

Configurable On Demand

Taping Head K12/70	L	W	H
Min.	200	160	140
Max.	600	500	500

Any different dimension out of the standards above will be on request.

Standard

Taping Head K11/30	L	W	H
Min.	200	160	90
Max.	600	500	460

Optional Taping Head K11/70	L	W	H
Min.	200	160	120
Max.	600	500	460

Optional Taping Head K11/50	L	W	H
Min.	200	160	100
Max.	600	500	460

Configurable On Demand

Taping Head K12/70	L	W	H
Min.	200	160	120
Max.	600	500	460

Taping Head K12/50	L	W	H
Min.	200	160	100
Max.	600	500	460

Any different dimension out of the standards above will be on request.

Capacity Production : up to 450 Bph Always based on mix of boxes sizes manageable.	Operating Pressure Range from 5,5 bar - to 7 bar	Air Consumption : 15,2 Nl/cycle

Note. in case of box sizes over or under these range SIAT is able to produce special machines under request

FEEDING UNIT TYPE   AS26   AS24 (standard)
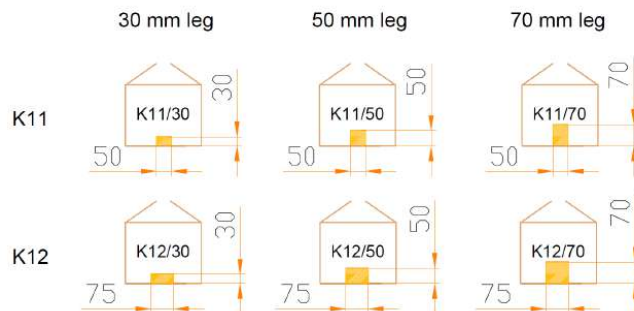
TAPING UNIT TYPE

K11/30	K12/30
K11/50	K12/50
K11/70	K12/70

TAPING UNIT POSITION   TOP + BOTTOM   TOP ONLY + BOTTOM PLATE
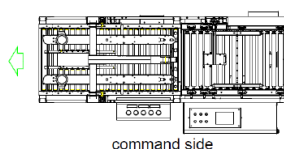
COMMAND SIDE   LEFT SIDE   RIGHT SIDE

LEFT MACHINE   RIGHT MACHINE

command side   command side
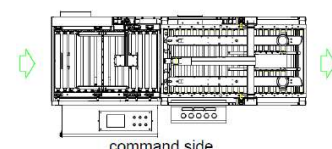
DOORS OPENING SIDE ON BOTH SIDES

WORKBENCH HEIGHT

FROM 560 UP TO 800 mm (standard)

FROM 720 UP TO 970 mm

SPECIAL REQUEST FOR WORKBENCH HEIGHT

MACHINE ON WHEELS

YES   (+110 mm to be added on the workbench height)

NO

MACHINE SAFETY FENCE TYPE

METALLIC GRIDS (standard)

METAL FRAME WITH TRANSPARENT INSERTS

PLC TYPE

SIEMENS S7-1200 (standard)

OMRON CP1

POWER SUPPLY 380/415V 50Hz 3PH+N+PE

OTHER, PLEASE SPECIFY

NEUTRAL WIRING SYSTEM

TT   (standard)

TN-S

TN-C

IT

CONTROL PANEL POSITION

INTEGRATED ON THE MACHINE (standard)

EXTERNAL PULPIT VERSION

ADDITIONAL FEATURES (END / BRAKE TAPE DEVICE IS STANDARD **)**

ADDITIONAL FULL LINE PHOTOCELL (INCLUDED)

MOTORIZED CONVEYOR CONTROL (SIGNAL)

RETRACTABLE BOTTOM TAPING UNIT (MIN. WORKBENCH HEIGHT 700 mm)
device to remove the bottom taping head for by-pass cycle (not taped box - only transit mode)

MACHINE COLORS

STANDARD FRAME RAL 7016- MOVING PARTS RAL 1021 - SAFETY GUARDS RAL 7040

SPECIAL COLOR REQUEST:

FRAME

MOVING PARTSMETALLIC

SAFETY GUARDS

SPECIAL ENVIRONMENT CONDITIONS (inside the company building)

HIGH ALTITUDE (MORE THAN 1000 M A.S.L.) please specify

HOT TEMPERATURE (MORE THAN 40°C) please specify

LOW TEMPERATURE (LESS THAN5°C) please specify

HIGH HUMIDITY (MORE THAN 80%) please specify

DOCUMENTATION LANGUAGE

ITALIAN

ENGLISH

GERMAN

FRENCH

SPANISH

OTHER, PLEASE SPECIFY

NOTE. THE SIAT MACHINES ARE SUPPLIED WITH CE CERTIFICATION DOCUMENTS

SPECIAL REQUESTS (if customer wants to add special requests or comments)

SIGNALS EXCHANGE

SIAT
CASE SEALER

- EMERGENCY
- MACHINE IN CYCLE
- MACHINE IN ALARM
- END TAPE
- BROKEN TAPE
- INFEED REQUEST
- END BOX TRANSFER
- BOX READY TO BE UNLOADED

→ CUSTOMER OUTPUT LINE

CUSTOMER OUTPUT LINE

- NO ALARMS
- BOX READY
- BOX TO BE TAPED
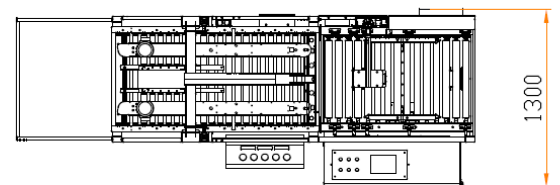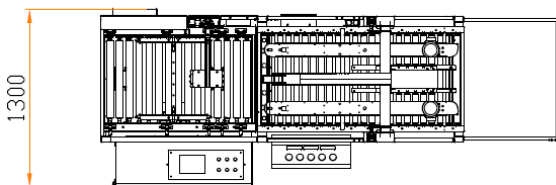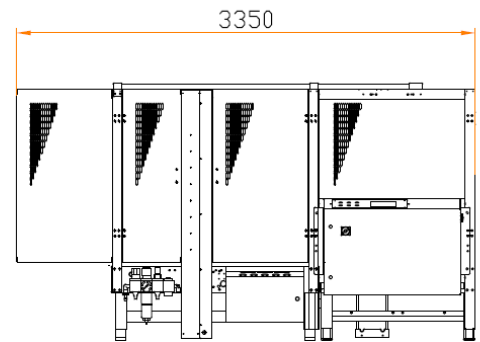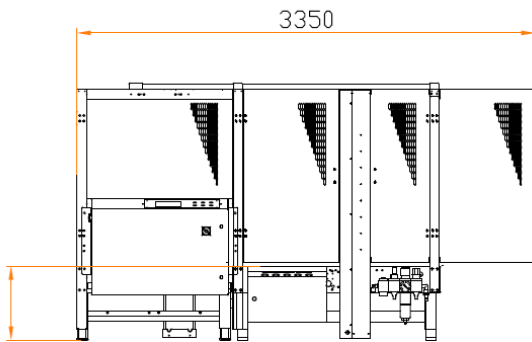- ENABLE TO UNLOAD
- END BOX TRNASFER

→ **SIAT**
CASE SEALER

OTHER SIGNAL EXCHANGE NEEDED, PLEASE SPECIFY

FROM SIAT TO CUSTOMER

FROM CUSTOMER TO SIAT

MACHINE LAYOUT (Refferal dimensions, external cabinet - not present - position adjustable)

3350

adjustable height

1300

3350

1300

DX - right version

SX - left version
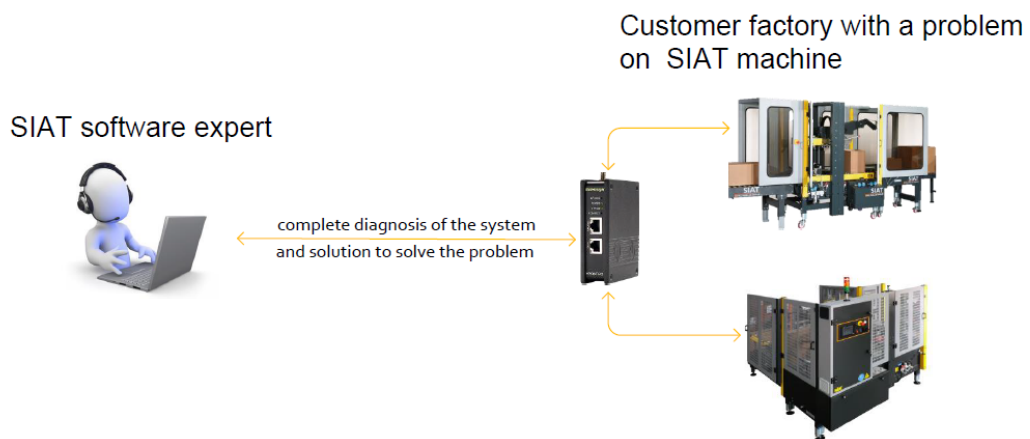
![SIAT MAILLIS logo]

SIAT CONNECT module (ready with SIAT sim card)

REMOTE CONTROL FOR A COMPLETE MACHINE DIAGNOSIS AND MACHINE PROGRAM MODIFICATION

PLC COMPATIBILITY: **Siemens S7-1200,S7-300 series – Omron CP1L , CJ1M PLCs.**

CONNECTIONS AVAILABLE: **LAN, 3G, 4G, Wi-Fi.**

COMPATIBLE SIAT MACHINES: **SM44HS, SM44HD, F144, F344, FLEXOs**

Customer factory with a problem on SIAT machine

SIAT software expert

complete diagnosis of the system and solution to solve the problem

PROs

● Faster reaction and problem solving

● Way lower intervention costs

● Possibility to be installed on old and new machines

DATA

● Code for SIAT-connect   SBB0005357

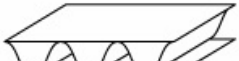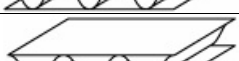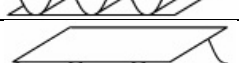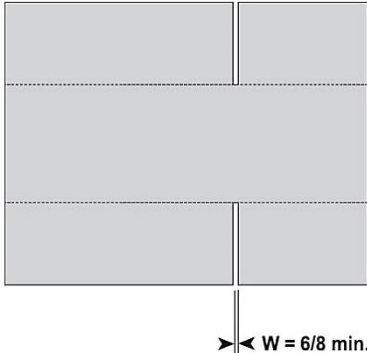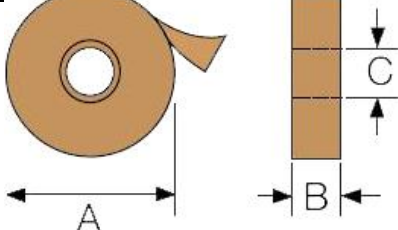BOXES INFORMATION: Note. standard weight range is 2- 30 kg, supposed for a product full box. Any other difference from these values should be evaluated by engineering department. In the last page the customer can check the general features required for the box.

	FEFCO TYPE	LENGTH (mm)	WIDTH (mm)	HEIGHT (mm)	WEIGHT (kg)	OUTPUT (BPM)
BOX 1						
BOX 2						
BOX 3						
BOX 4						
BOX 5						
BOX 6						
BOX 7						
BOX 8						
BOX 9						
BOX 10						

WILL THE CUSTOMER SUPPLY BOXES TO BE TESTED?　　　YES　　　　NO

IF YES PLEASE SEND SAMPLES TO:
SIAT S.P.A. via Puecher, 22 TURATE (CO) ITALY TO THE ATTENTION OF FLAVIO PUGLIESE, AT LEAST TWO WEEKS BEFORE THE ESTIMATED DELIVERY DATE

IF YES, HOW MANY TYPES OF BOX DOES THE CUSTOMER WANT TO TEST?

3 TYPES - MAX 60 PIECES, TESTED FREE OF CHARGE

FROM 4 TO 10 TYPES - MAX 100 TOTAL PIECES, UNDER PAYMENT

> 60 PIECES , UNDER PAYMENT

WILL THE CUSTOMER DO THE F.A.T. FOR THIS MACHINE?
(under payment - with a max of 10 different boxes test)　　　YES　　　NO

WILL SIAT INSTALL THE MACHINE?
(under payment)　　　YES　　　NO

CARTON TYPE		
FEFCO BOX TYPE		
BOX MODEL	0200 M/A	
	0201 M/A	
CARDBOARD TYPE LAYERS STYLE	SINGLE FLUTE	
	TWO LAYERS + SINGLE FLUTE	
	THREE LAYERS + DOUBLE FLUTE	
	FOUR LAYERS + TRIPLE FLUTE	

CARDBOARD TYPE FLUTE STYLE	FLUTE "F"	
	FLUTE "E"	
	FLUTE "C"	
	FLUTE "B"	
	FLUTE "A"	

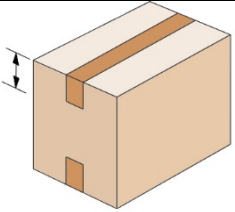| FEFCO BOX TYPE		
MINIMUM BOXES REQUIREMENTS	1. GOOD TEXTURE OF CARTONS WITH SIDE FREE OF FOLDS 2. CREASE LINE WELL MARKED. PREFERABLY DOUBLE. 3. WHEN THE BOX IS CLOSED, FLAPS MUST NOT TOUCH THEMSELVES. MIN. 2 mm OF SPACE NEEDED. 4. MIN. WIDTH OF CUTS: 6 – 8 mm (see picture) 5. PLEASE ADVISE IN CASE OF USE OF SQUARE BOXES 6. PLEASE ADVISE IN CASE OF SPECIAL PROCESSING OF CARDBOARD (ex. die-cutting) 7. PLEASE ADVISE THE FEFCO BOX TYPE ACCORDING TO THE ABOVE CODIFICATION	W = 6/8 min.

TAPING UNIT PERFORMANCE		
TAPE REEL DIMENSIONS	A	MAX. 410 mm
	B	75 mm / 50 mm
	C	76 mm

TAPE LEG		
TAPE LEG DIMENSIONS	K11R / K12R	70 mm
	K11R / K12R	50 mm
	K11/30 K12/30	30 mm