

# SM48 MACHINECARD



DATE

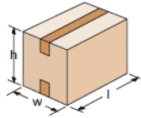
CUSTOMER

MACHINE TYPE

SM48 ( head starting from bottom )

SM481 ( head starting from top )

SM48



**SM48 : Semi-Automatic Random Cartons Sealing Machines**

Standard

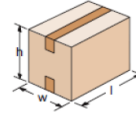
Taping Head K12/70	L	W	H
Min.	200	200	150
Max.	∞	800	800

Taping Head K12/50	L	W	H
Min.	200	200	120
Max.	∞	800	800

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

Operating Pressure Range	Air Consumption :
from 5,5 bar - to 7 bar	10 NI/cycle

SM481



**SM481 : Automatic Random Cartons Sealing Machines**

Standard

Taping Head K12/70	L	W	H
Min.	500	200	150
Max.	∞	800	800

Taping Head K12/50	L	W	H
Min.	500	200	120
Max.	∞	800	800

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

Operating Pressure Range	Air Consumption :
from 5,5 bar - to 7 bar	10 NI/cycle

**Capacity Production :**  
up to 600 Bph  
Always based on shorter  
box manageable.

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up to 600 Bph  
Always based on shorter  
box manageable.

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

TAPING UNIT TYPE

K11/30

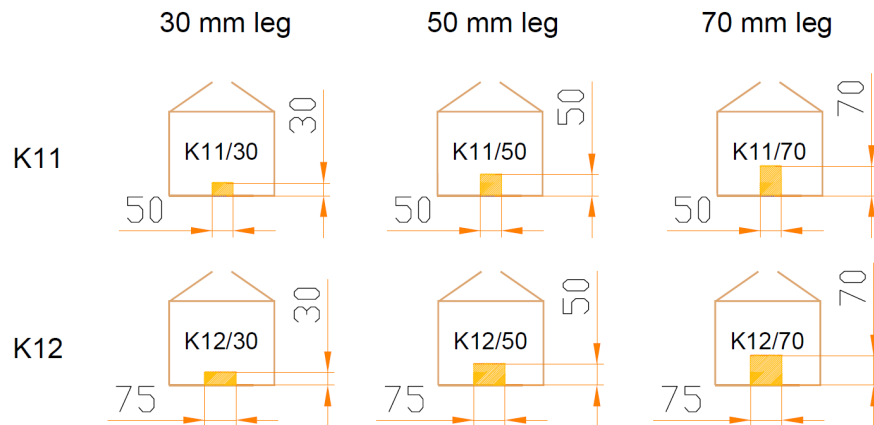
K12/30

K11/50

K12/50

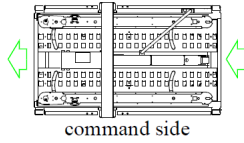
K11/70

K12/70

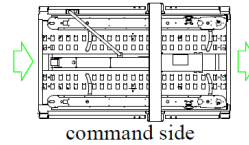


TAPING UNIT POSITION TOP + BOTTOM TOP ONLY + BOTTOM PLATE  
 MACHINE WORKING SIDE LEFT SIDE RIGHT SIDE

LEFT MACHINE



RIGHT MACHINE



DOORS OPENING SIDE ONE SIDE  
 BOTH SIDES

WORKBENCH HEIGHT FROM 550 UP TO 800 mm

SPECIAL REQUEST FOR WORKBENCH HEIGHT

MACHINE ON WHEELS YES NOTE. IF YES +110 MM NEED TO BE ADDED  
 NO TO THE WORKBENCH HEIGHT

SAFETY GUARDS METALLIC GRIDS

POWER SUPPLY 380/415V 50HZ 3PH + PE

OTHER REQUEST , PLEASE SPECIFY

PNEUMATIC BRAND AVENTICS + FESTO ( standard )  
 FULL FESTO

## MACHINE COLORS

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

INOX VERSION ( STAINLESS STEEL )

SPECIAL COLOR REQUEST:

FRAME

MOVING PARTS

METALLIC 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 THAN 5°C ) **please specify**

HIGH HUMIDITY ( MORE THAN 80% ) **please specify**

## ACCESSORIES

ENERGY SAVING DEVICE  
( no need of PLC )

END TAPE DEVICE  
( no need of PLC )

END/ BRAKE TAPE DEVICE  **PLC TYPE**  
( PLC is needed ) ( if needed )

SIEMENS S7-1200 ( standard )

OMRON CP1

ALLEN BRADLEY MICROLOGIX

30 METERS /MINUTE BELT SPEED  
(instead of 22 m/min )

## DOCUMENTATION LANGUAGE

ITALIAN

ENGLISH

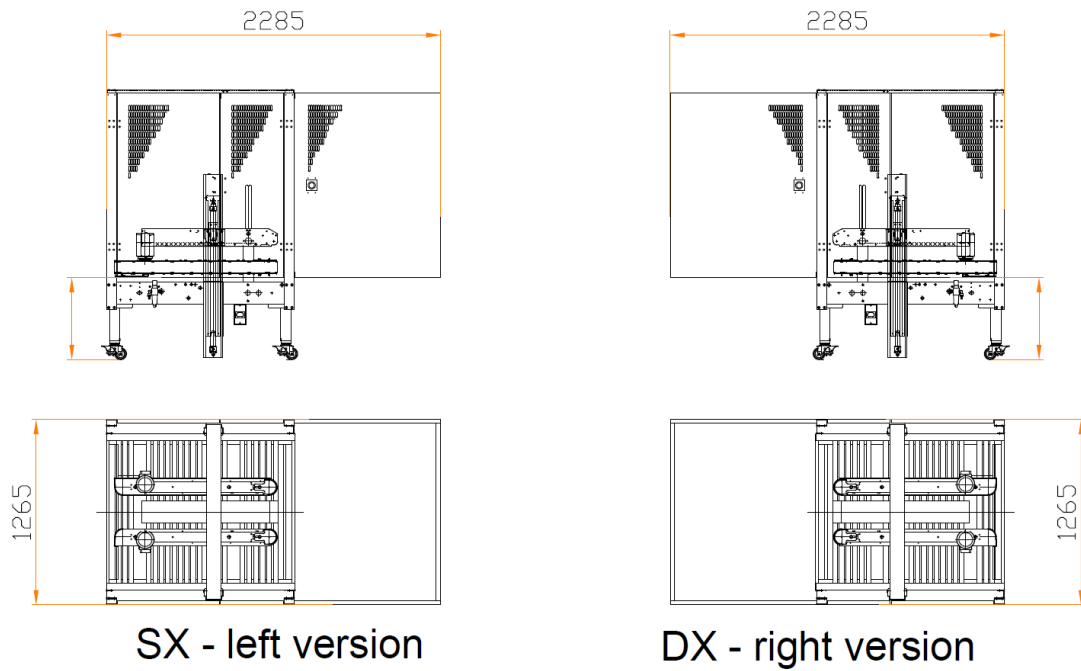
GERMAN

FRENCH

SPANISH

OTHER, PLEASE SPECIFY

MACHINE LAYOUT ( Refferal dimensions )



SIGNALS EXCHANGE ( only in case of SM48 PLC version )

**SIAT**  
CASE SEALER

-MACHINE IN CYCLE



CUSTOMER  
OUTPUT LINE

SPECIAL REQUESTS ( if customer needs some other features )

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

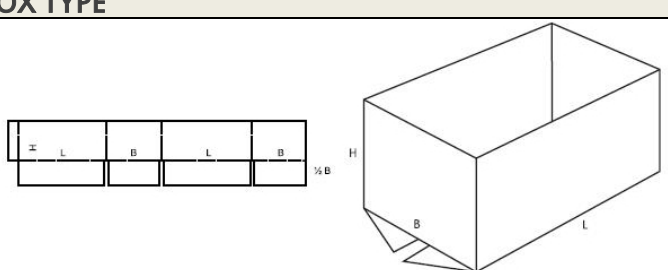
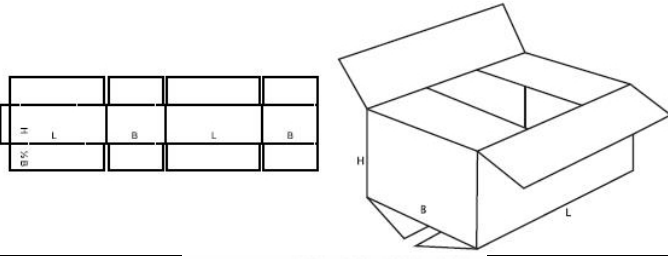

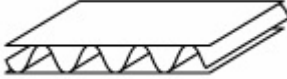
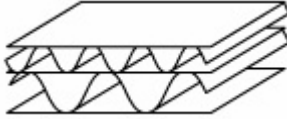

IF YES, HOW MANY TYPES OF BOX DOES THE CUSTOMER WANT TO TEST?



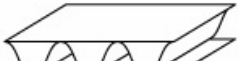
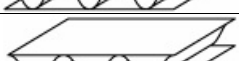

5 TYPES - MAX 100 PIECES, TESTED FREE OF CHARGE

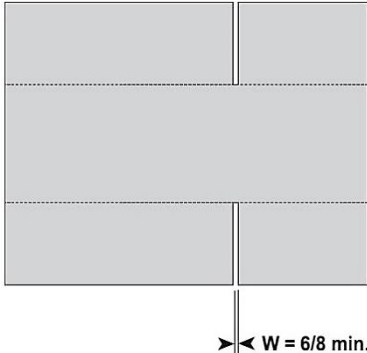
FROM 6 TO 10 TYPES - UNDER PAYMENT

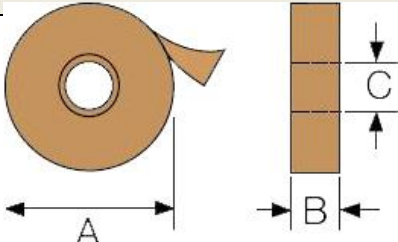
> 100 PIECES , UNDER PAYMENT

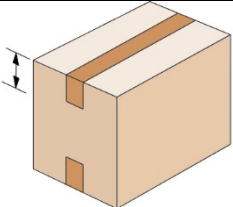
WILL THE CUSTOMER DO THE F.A.T. FOR THIS MACHINE? YES NO

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

<b>CARDBOARD TYPE FLUTE STYLE</b>	FLUTE "F"	
	FLUTE "E"	
	FLUTE "C"	
	FLUTE "B"	
	FLUTE "A"	

<b>FEFCO BOX TYPE</b>		
<b>MINIMUM BOXES REQUIREMENTS</b>	<ol style="list-style-type: none"> <li>1. GOOD TEXTURE OF CARTONS WITH SIDE FREE OF FOLDS</li> <li>2. CREASE LINE WELL MARKED. PREFERABLY DOUBLE.</li> <li>3. WHEN THE BOX IS CLOSED, FLAPS MUST NOT TOUCH THEMSELVES. MIN. 2 mm OF SPACE NEEDED.</li> <li>4. MIN. WIDTH OF CUTS: 6 – 8 mm (see picture)</li> <li>5. PLEASE ADVISE IN CASE OF USE OF SQUARE BOXES</li> <li>6. PLEASE ADVISE IN CASE OF SPECIAL PROCESSING OF CARDBOARD (ex. die-cutting)</li> <li>7. PLEASE ADVISE THE FEFCO BOX TYPE ACCORDING TO THE ABOVE CODIFICATION</li> </ol>	 <p style="text-align: right;">W = 6/8 min.</p>

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

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