

# MATEC

PANTYHOSE MACHINES

## HF 50-60

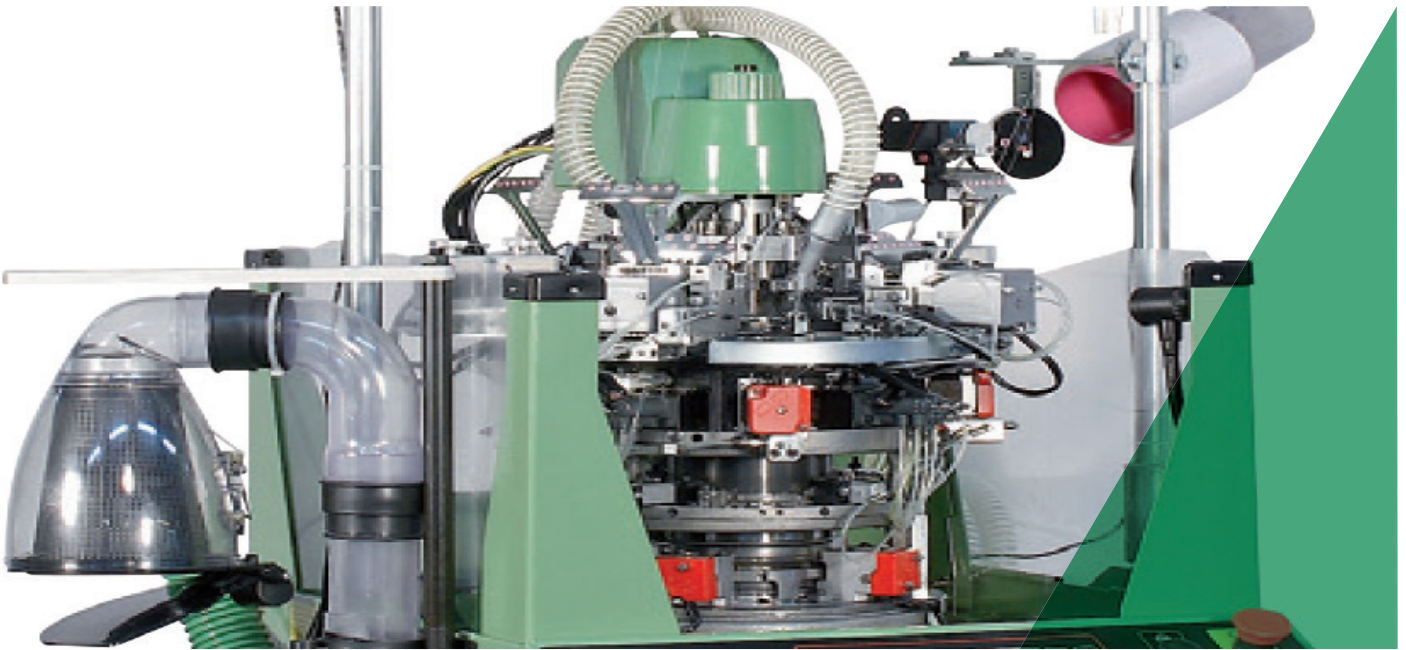


PANTYHOSE MACHINES

# MATEC

## HF 50-60





## MATEC HF 50-60

**Single cylinder 4 feed machine with integral electronic control for the production of special garments and accessories for seamless products.**

Single cylinder 4 feed machine with 9mm latch needles available from diam 5" or 6", with an HF type needle-by-needle selection point at each feed for the production of floated patterns and reinforced patterns using up to 3 colours plus the ground. Yarn groups are equipped with 9 yarningers on each feed and step motors to control the angular position of the two plating yarn ingers.

Sinker cap is fitted with three step motors for the following functions: cap angular movement, "sinkers-press" cams movement and plating yarningers tangential movement.

Motorized dial arm with vertical movement controlled by step motor for unlimited height positions.

Stitch cams are pneumatically extractable and driven by step motors for programmable lowering of the stitch cam either down and up (and also dipping) following the graphic profile in different areas of the garment. Stitch cams have the variable profile system (V.P.S.) to optimise the speed in different areas of the garment.

Dial arm support ready for the knitting of 8 lycra + 2 for the waistband.

Pre-setting and programming for different kinds of yarn feeding devices.

All functions electronically controlled. Self-protection on all functions and always active self diagnostics.

Programming styles and sizes, patterns editing and stitch cam lowering by Personal Computer and powerful graphic software for Windows environment.

Computer-machine connection by cable (RS 232). Keyboard with graphic display for selection of styles, sizes, patterns and other functions.

Possible connection to NAUTILUS to record production data and to monitor the knitting room status.

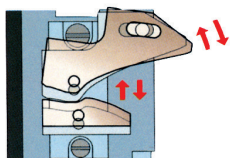
### TECHNICAL FEATURES

#### ● HF 50-60

Retractable feeds with variable angle stitch cams. (V.P.S.) - 4 individual selection points – 9 mm needles.

#### ● HF 50-60

Single cylinder 4 feed machine with integral electronic control for the production of special garments and accessories for seamless products.



#### V.P.S. SYSTEM

Stitch cam variable profile:

Vertical movement with automatic angular variation

gross weight*	net weight**
≅ kg 480	≅ kg 380

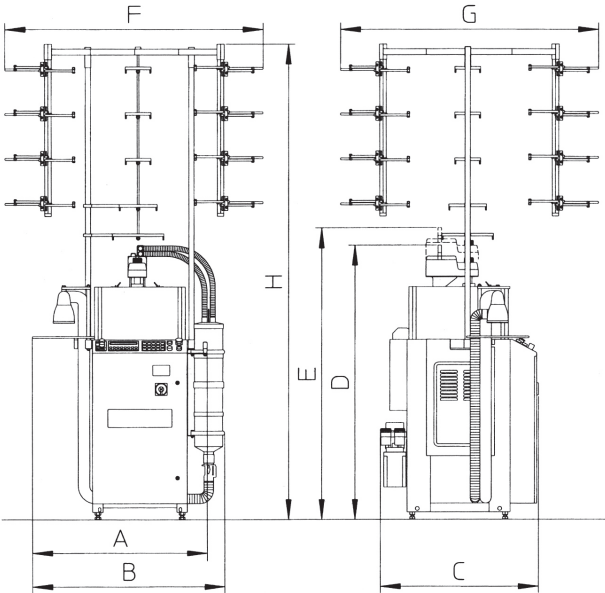
\* with packing case

\*\*without packing case;

# GAUGE

diameter	needles 7 mm	feeds	needle/needle selection points	yarnfingers	max mech speed
5"	from 370 to 500	4	4	9 in all feeds	550 rpm
6"	from 450 to 600	4	4	9 in all feeds	550 rpm

# TECHNICAL DRAWING AND SIZE



A	B	C	D	E	F	G	H
mm1015	mm1120	mm930	mm1675	mm1795	mm1500	mm1500	mm2760

# DISCLAIMER:

Technical data given in this brochure are for information only. Santoni S.p.A. reserves the right to modify the machine features without forewarning and without the obligation to apply any modification to the machines already installed. Pictures are exemplifying and have not to be regarded as a reference.

Santoni is recommending needles from  
**GROZ-BECKERT®**



**SANTONI SPA**

Via Carlo Fenzi, 14 - 25135 Brescia - Italy  
Tel. +39 030 376711 Fax +39 030 3366478  
P.IVA e CF: IT 00273280172  
info@santoni.com - www.santoni.com