

ITMA 75 가

1975. 10. 6~15(10) Italy Milano 4 ITMA-75(
13 가 . 27 Hall 1150
가 가 , Finishing 가 21%
Europe 가 . Print , Jet ,
Package .
가
Energy 가
.

1.

3가 가 ,
 , Drum
 , .
Box .
Maker Energy
.

(1) Kleinewefers 100 + ()

0.5kg/cm² 110 Box

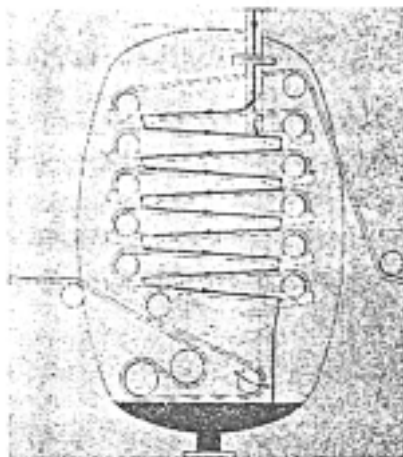
Steam

1/3 3 가 6 (

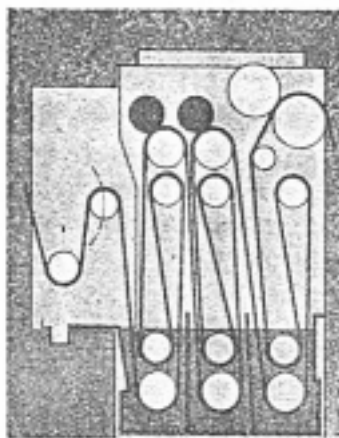
1).

(2) Benniger LE (Swiss)

Roll 가 Guide Roll 가 Nip가 (2).



< 1> Kleinewefers 100



< 2> Benninger LE

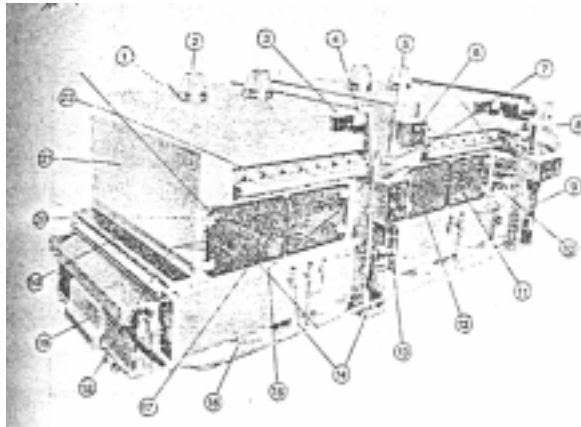
(3) Farmer Norton ()

. Suction Drum

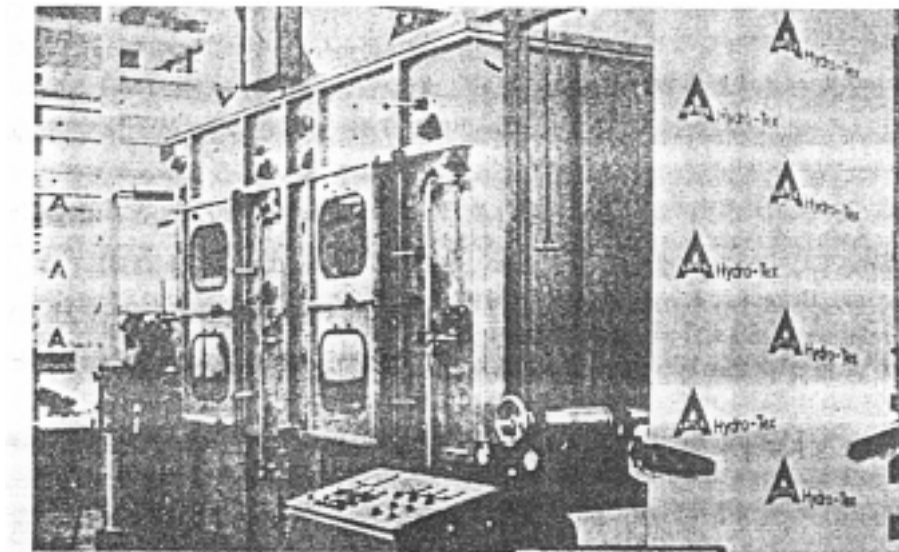
가

가 Scroll Pump

(3).



< 3> Farmer Norton



< 4> Artos' Hydrotex washer treats all types of goods, using as little as 0.47 gal./lb. Of water. Steam requirements are also low.

(4) Kusters Jet ()

(thickening agent) Pile linter

Plane

Nozzle

Plane

.

(5) Artos Hydrotex

()

100

가

.

Space

1/3

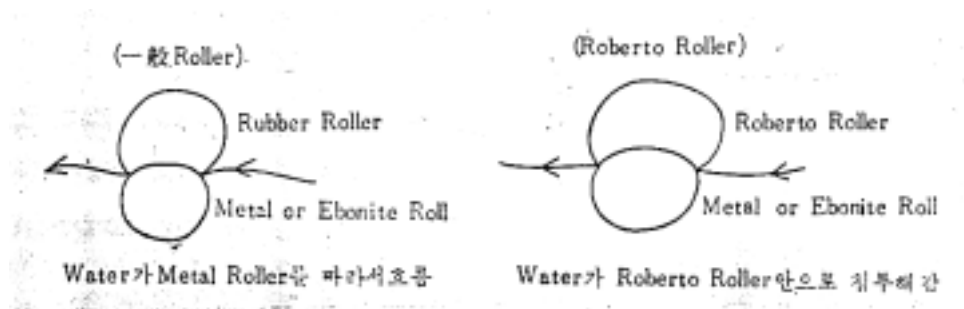
(4).

Aros,

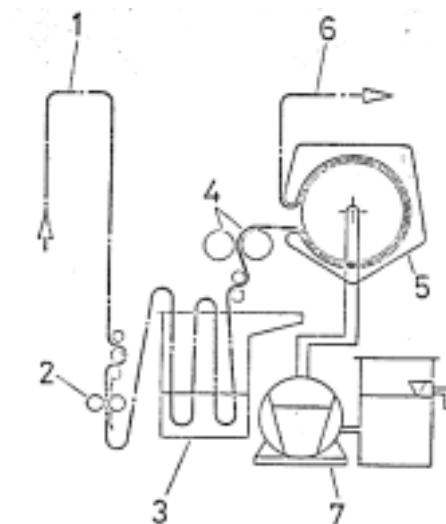
Brugman Karl Menzel, Kleine Wefers

가

.



< 5> Roberto



1. Elevated inlet 2. Fabric guides 3. Net trough 4. Pre-squeezer 5. Vacuum drum and back grey
6. Continuation of the fabric run 7. Vacuum pump, water container with level control

< 6>

2.

가

(1) Modern Rollers LTD.(Roberto)

Roller Pick up (5). Cotton 45%,
P/C (40m/min) 39% Pick up(6)

3. Tenter

가

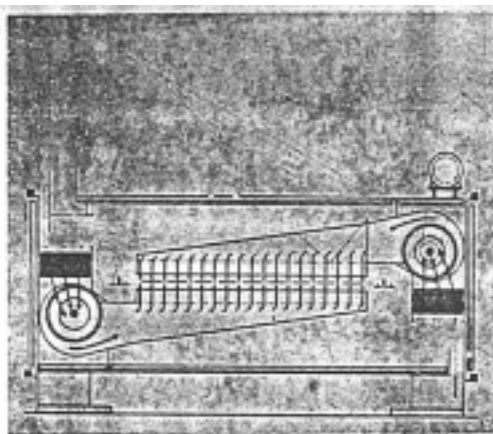
(1) Famatex Tenter()

Nozzle System

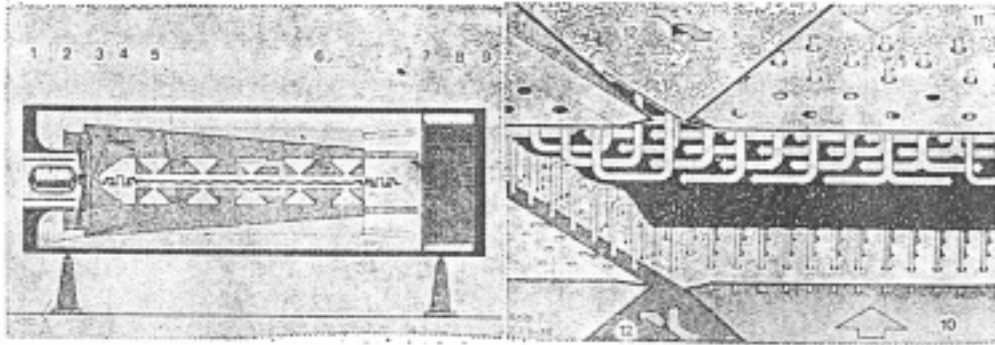
(7).

(2) Artos air Cushion Tenter()

air cushion delicate
tension (8).



< 7> Famatex Tenter



< 8> Artos air cushion Tenter

4.

Jet Nozzle

100. , 110. , 140

가 (piece

)

(1) Jumbo Jet(M.C.S. 伊)

Jet Nozzle 300~350m/min.

1 : 4

(2) Rapid-Suau (ATYC, Spain)

Winch Reel Overflow Jet

60 가 (6patch cycle 350yds/min.

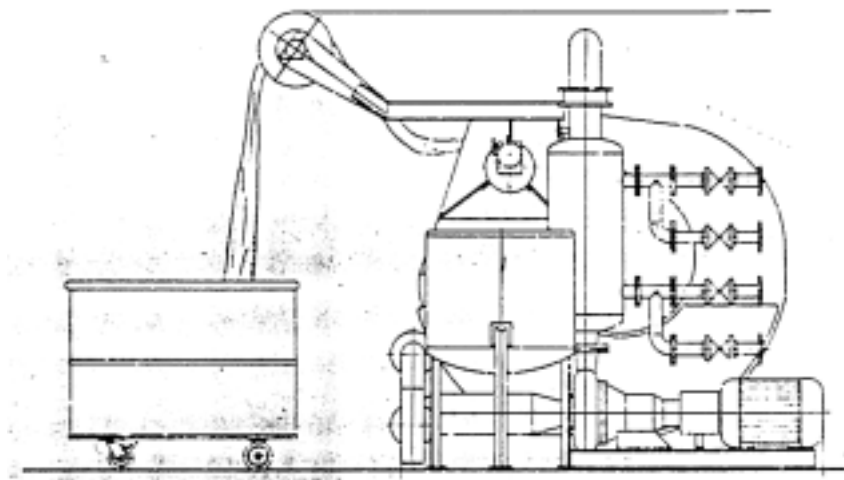
6 /min.)

(3) R-Jet 95(Thies 獨)

450m/min. Winch Reel

Jet 1 : 5 Cylinder type

(9).



< 9> R-Jet 95

(4) Rotostream(Thies 獨)

Jet Nozzle	Cage	1.5~2
Cage	1:4	

5. (Transfer printing)

ITMA

Highlight . 100% .

(1) Sublistic Heberlein(Swiss)

100% P/C ITMA .

,

. Hocowa Sublistatic

100% .

(2) Dew print (Tootal 英)

, , .

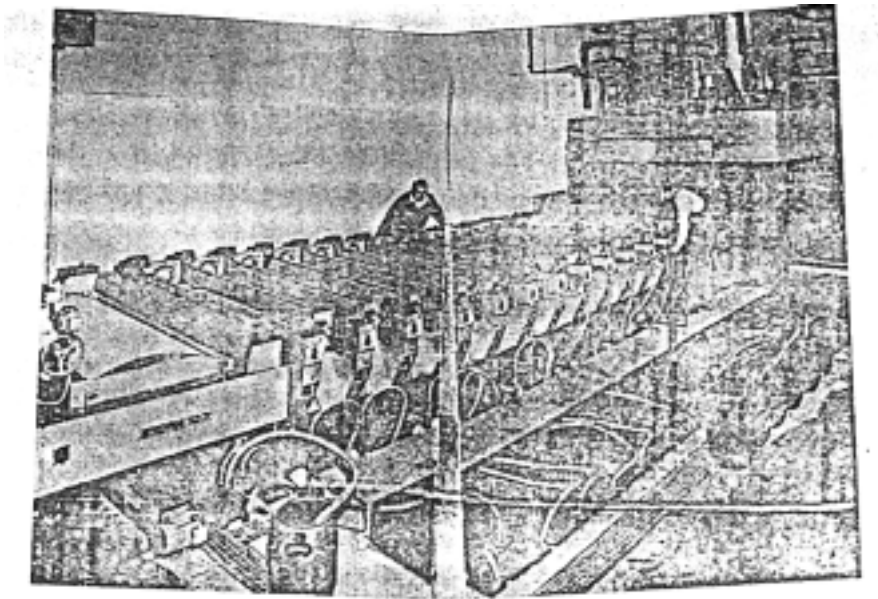
(3) Welker()

100%

1/6ft, 1/8ft

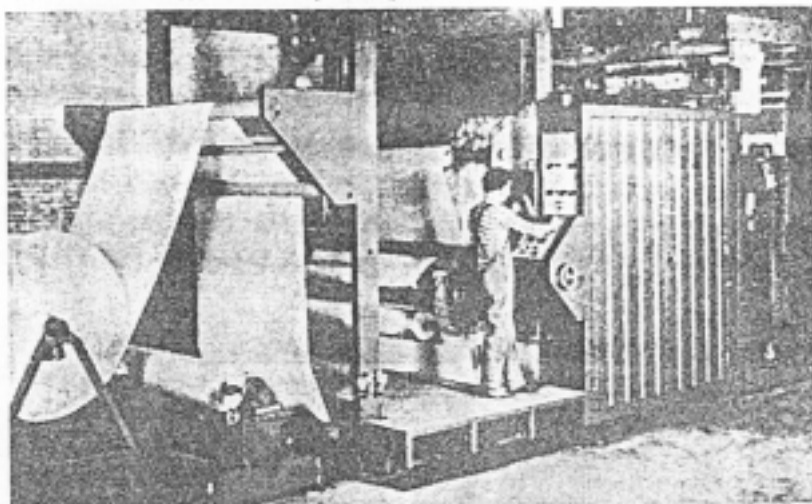
Calender 가

(10).



< 10> Welker

The Stork TC-451 transfer printing calender.

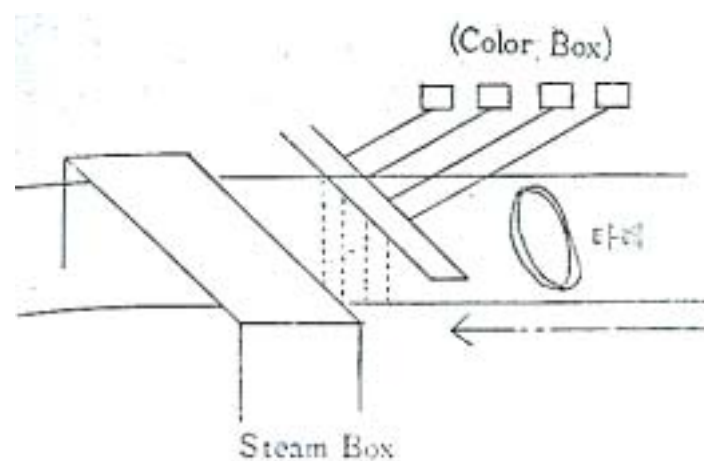


< 11>

(4) Stork() TC 451 Calender
 200cm 180 . TC
 451 2-40m (11).
 Transfer printing paper .

6. Space Dyeing

Multicolor Space Dyeing Callehaut-De Blicquy S. A.(Belgium)
 Acryl . 가
 (12).



< 12>

7. 가

Energy 가
 open width .

(1) Libratex(Neil & Spencer 英)

open width 10~30yd/min. 가

Drum

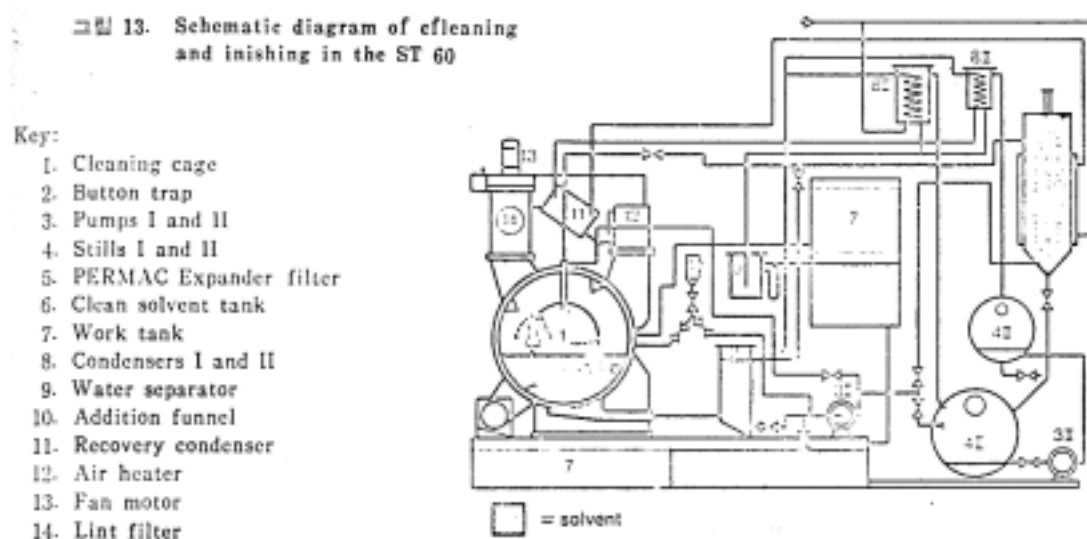
Solvent Loss 4%

(2) Permasol F Unit(Jawetex, Swiss)

Freon(Du pont)

Seal , Bowe

() ST 60 (13).



8. Package Dyeing

Package 가 . 가 Rapid

Dyeing , ,

(1) Turbostat KSE(Obermaier)

Motor가 Turbine Pump가

Coupling . 140

가 .

(2) Ecomat(Thies)

1 : 5 가 in-out 60l/min.

.

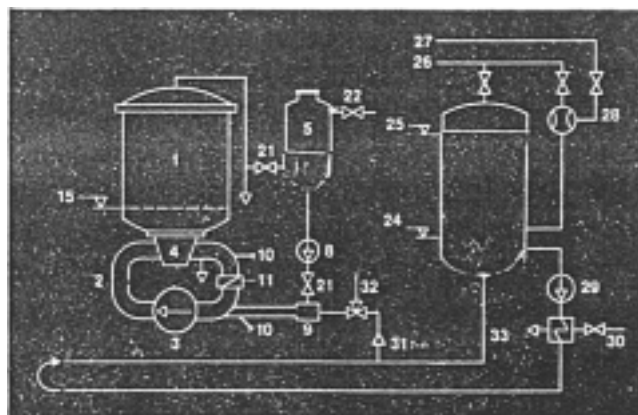
(3) Comat(Then)

Tank hot water 130 Valve

Tank Two way .

Hot water system 가

130 (14).



< 14> THEN-COMAT HIS

construction features similar to THEN-Comat HSE, additionally with mixing section for simultaneous hot-water fill and dyestuff addition up to dyeing temperatures, hot-water store tank according to size of plant.

(4) React-o-Mat TR(Blicquy S. A. Belgium)

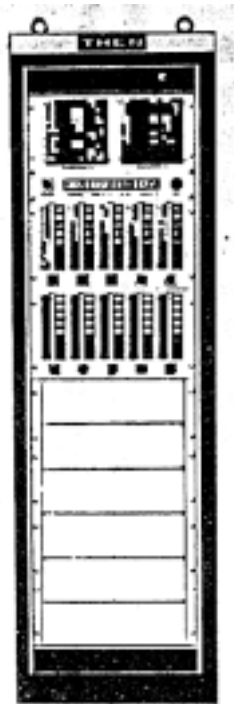
18 1 가 Rapid Dyeing

System .

(5) Control Digital

THEN() Multi-Datomat 10

. wired programme programme
 Computer . Digital , ,
 plug control (15).



< 15> Jescription of system

The THEN-Multi-Datamat consists of:

a) Main memory.

The main memory contains the whole information of
 all programmes for all machines.

It is being composed of the memory A and the memory C each with
 15 lines(programme sections).

9. Tester

(1) Beaker Tester

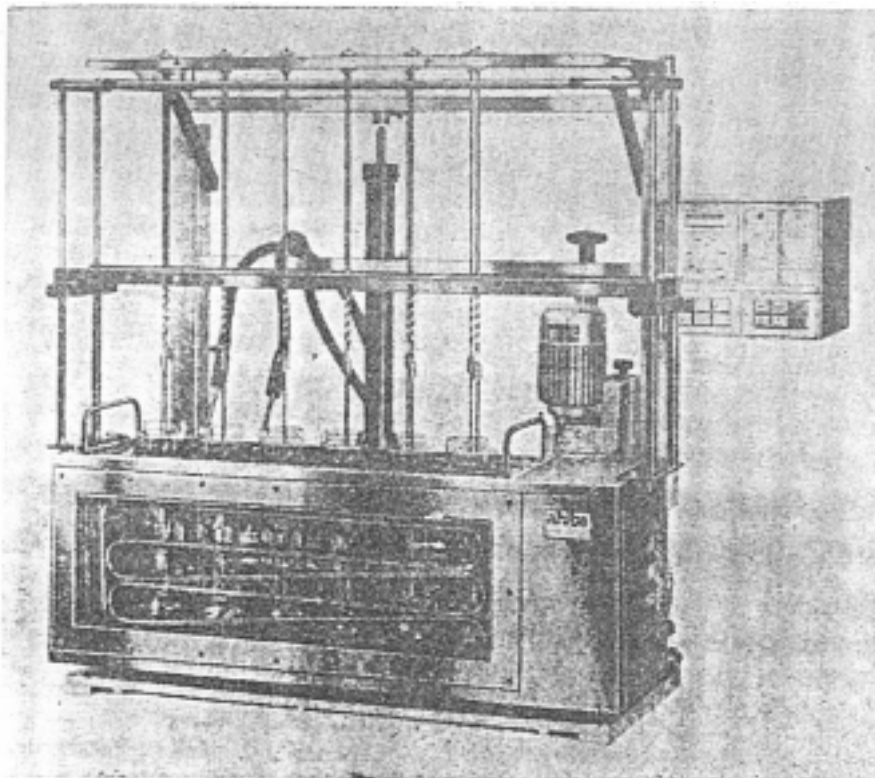
Colormatching Beaker Tester가

(가) Texomat(Ahiba, Swiss)

12 Beaker

Pyrexglass beaker 140

(16).



< 16>

() Fluid Bed Heating(Roches Engineering 英)

Fluid Bed Glass

Beaker Testing .

.

(2) Color matching Computer System

가 color

color matching computer

가

(가) Zeiss() RFC3

Color Program

Xenon Lamp

White 100 가 400nm~700nm 20nm 16

Data Program

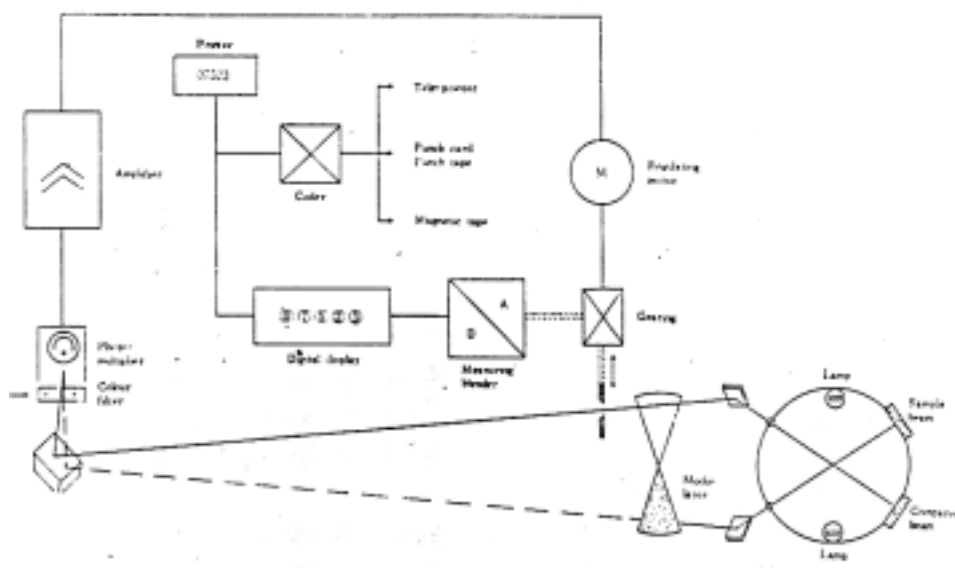
40 30가 10 100 data

system data

Program

가

17).



< 17> Schematic Diagram of RFC 3

10.

(1) Mohlo Humidity Controller 가 .

(2) Hank Traverse가 가 Fadis(伊) Hank to Cone Winder
400m/min. Traverse 1kg Hank 가 .