

1.

가

가 Zinser-Hara

2.

가

OE

(, Nm 50, 20tex)

가

○

○

-
-
-
-

(burr)

가

< 1>

	14~2 6	16~20 6

	6 2~3.5	6 32~48

(sliver lap

machine)

(superlap machine)

가

가

()

(

,

),

가

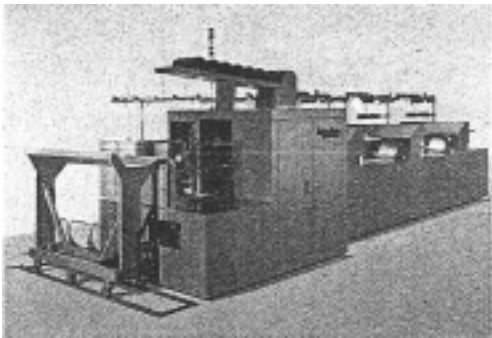
가

가

가

가

가



< 1>

가

가

< 1>.

가

V=6~9 (fold)

() 가

(post-drawing)

4가

2-

1- (D-8)

(intersecting gillbox)

(, kg/h,)

가 (DM/kg)

가

가 가

가 .

○

○

○

○

○

○

○

, / ,

. 가

. Lap-Center 820< 2>

가

. ,

. ,

.

.

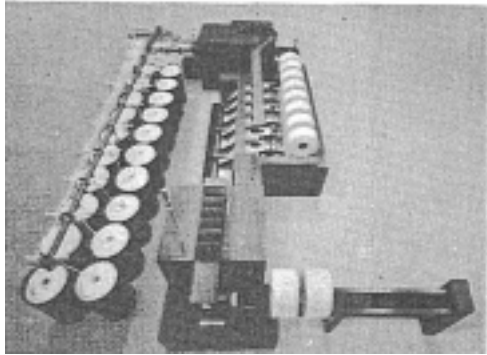
Super Lap 810

.

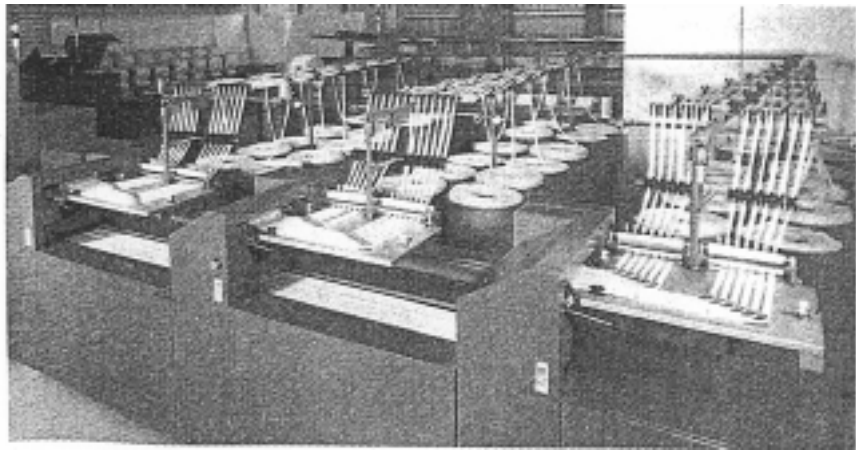
가

<

3>.



< 2>



< 3>

25kg

가

가

가

가

,

가

가

가

<

1> < 2>

가

(coil)

“Antilicking” 가

Lap Drive

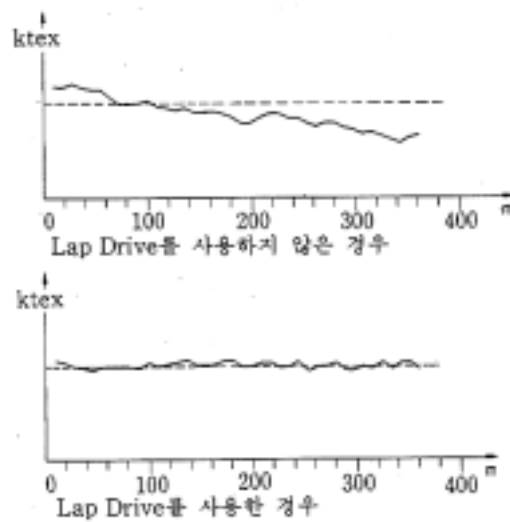
26

< 4>

(630mm) 가

가 25kg(1m 70g)

350m



< 4>

yd

가

Lap Lifter 890

. Lap Center

802 Super Lap 810

. Lap Lifter 890

가

가

가

(staple

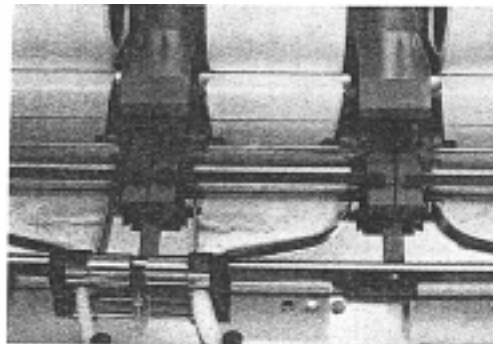
diagram)

가

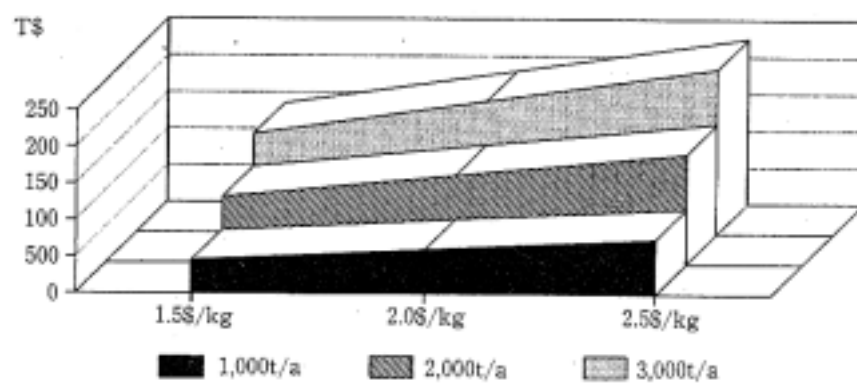
Zinser

Model 830 <

5> 15% 18% 3%
< 6>.



< 5>



< 6>

가 (output data), , , ,

가
< 2>

< 2>

	(web tong)	(web tong)
(kg/h)	42.50	37.50
(%)	18	15
(kWh)	34.55	20.90
	13.5	12.5
(DM/a)	6,981,769	6,710,032
(DM/a)	13,845,469	13,253,183
	20,827,238	20,045,686
(DM/a)	1,139,771	915,892
(DM/a)	19,687,167	19,129,794
(DM/a)		557,674

Model 830

가 가

(web tong)

(tong open) (tong) (nip

line) , ,

(tong)

가

(fiber tuft)

3.

가