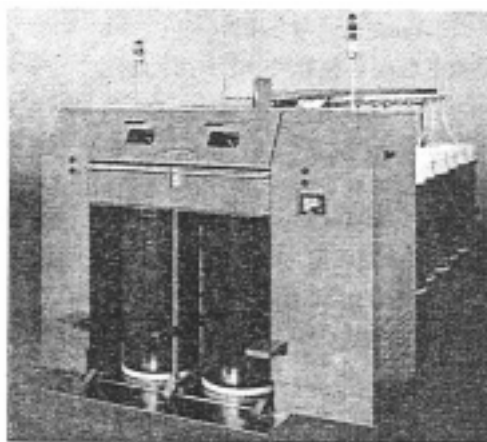


( )

1) Howa DFK

,  
< 45>가 2 , 4  
.  
500m/min 8가  
가 3 4 3 .  
4.5~15 , .  
(lifting roller) (limit  
switch)  
3.7/1.85kW×4/8P 가 . 0.75kW×2P .  
0.1kW×4P 가 .



< 45> Howa DFK

2) Toyoda/Hara , DYH

가 , ,

.

. < 46>

.

2 1 가 , 5 4

가 4 3 가

22~57mm, 57~76mm

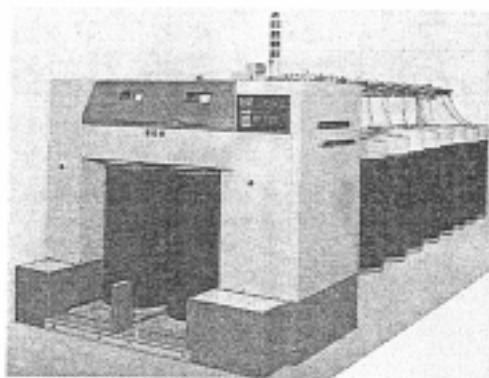
. 5~15 6~8

가 . 400m/min (fluted

roller) .

5.5kW/2.7kW×4P/8P, 0.75kW, 0.2kW

.



< 46> Toyoda/Hara DYH

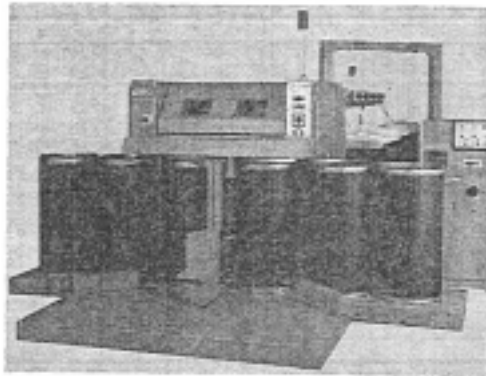
3) Vouk( ) SH

. 2 1 가 가

가 . < 47> SH2E

(Uster ADC-EC)가

가 .



< 47> Vouk SH 2E

< 48> .

2280mm .

가 . 2

. 4~10

±2% .

600m/min 8가 20~50g/m,

2.5~6g/m . ,

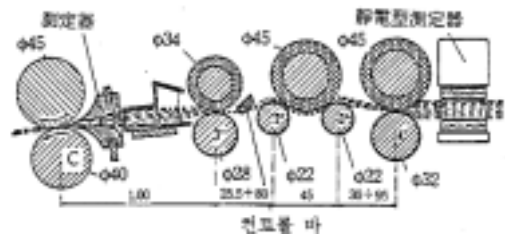
, 가 ,

, ,

가 .

8.1kW 6.6kW 가 가 1.5kW,

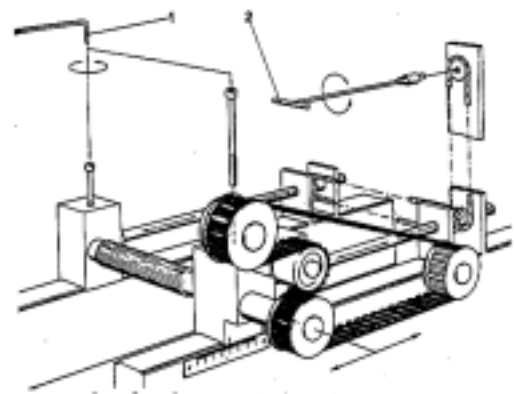
0.73kW ( 1 ) .



< 48> Vouk SH 2E

< 49>

, 가 (2)  
가 .



< 49> Vouk

4) Rieter( ) D1

, 가 .

1 D1/1 2 D1/2 .

4 2

5

<

39, 40

>.

2.7~12

가

.

. 55ktex(4.657gr/6yd)

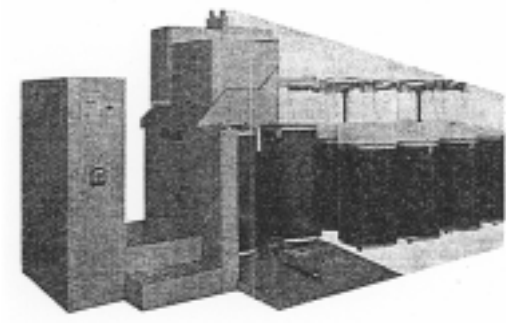
.

8가

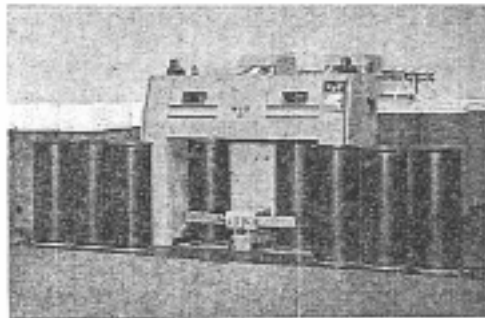
,

3.3~7.4ktex(Ne 0.18~0.08)

.



< 50> Rieter D1



< 51> Zinser 720

5) Zinser( ) 720

< 51> 720 2 , 1

.

< 33, 34>

,

80mm

가

가

(spiral fluting)

(joggling roller)

20%

가

500m/min

2

가

Mecatrol

가

가

Lev-A-Mat

6

8

3

. < 52>가 Mecatrol

<

53> Lev-A-Mat

, 5.6kW DC 가

1.1kW

0.4kW(Lev-A-Mat )

0.36kW

6) Schbert & Salzer( ) SB

1 (SB51 )

2 (SB52 )

1

가

(RSB51 )

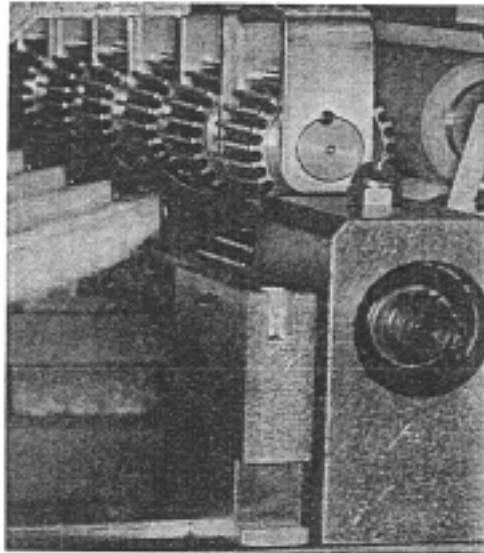
80mm

가 가

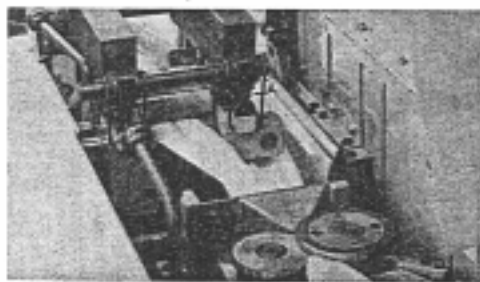
20~50ktex(1.693~4.234gr/6yd)

2.5~8ktex

(212~677gr/6yd) . 500m/min 3  
 3 . 48mm 40mm  
 < 54>.



< 52> Zinser Mecatrol



< 53> Zinser Lev-A-Mat

3.5~10.5 4~8가 .  
 ±25%  
 .  
 250~500mm/min

3.4~23.3cm .

가

가 .

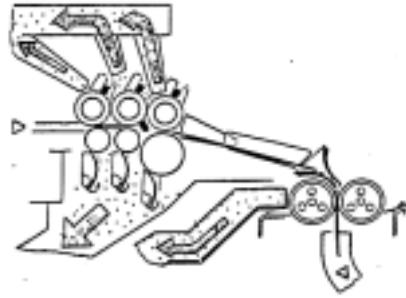
4.0kW,

1.5kW,

1.0kW

0.61kW

.



< 54> Schubert SB51

7) Marzoli( ) S53

가

가 .

3 4

.

.

8) Textima( ) 545, 1546

600m/min

가

가

. 3

가

가 ,

가

.

가

< 55>.

50ktex(50g/m)

,

1546

40ktex

,

가

-40~+20%

.

6 , 8

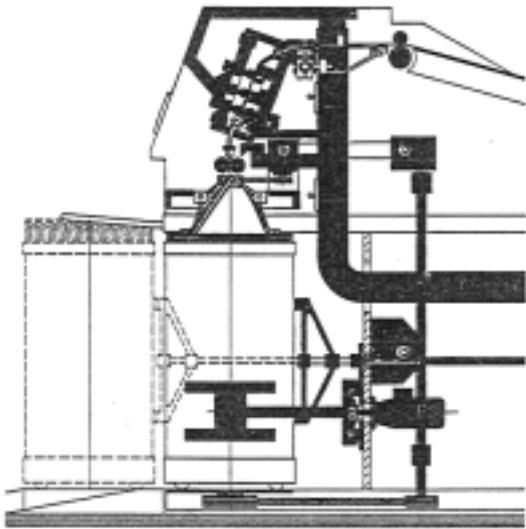
10

25~60mm

,

Nm 0.40~0.18(Ne 0.23~0.11) .

Investa, Savio, Platt-saco  
Lowell, Hispano 가



< 55> Textima 1546

가

가 . 가가  
 , , 가 ,  
 가 .  
 2 , /  
 ,  
 , 2 .  
 ,  
 가 .  
 2 .  
 2  
 . ,  
 ,  
 , .