

,

1.

‘ , 가 가 ,
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, ‘ ,

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2.

4,545~5,000tex(Ne 0.13~0.12) 4~5가 .

, 가

가

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36in 40in

. ,

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, 가 ,

~

.

‘Superlap’

가 < 1>.

가 .

2

2

가 . ,

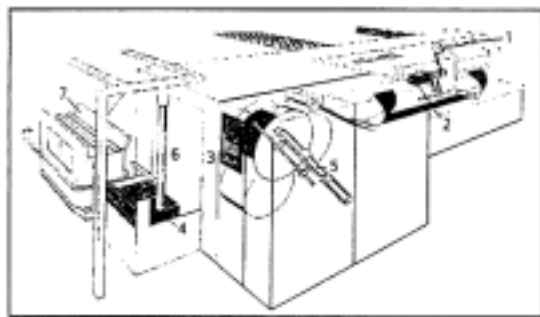
2 가

가 .

0.3~0.5 CV%

mm

가 (blushless)



< 1>

- | | | |
|----|-----------|----------|
| 1. | (encoder) | 5. |
| 2. | 1 | 6. (arm) |
| 3. | | 7. |
| 4. | | |

3.

가

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4.

1980 ,

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· 4 ,

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< 2>.

< 3>.

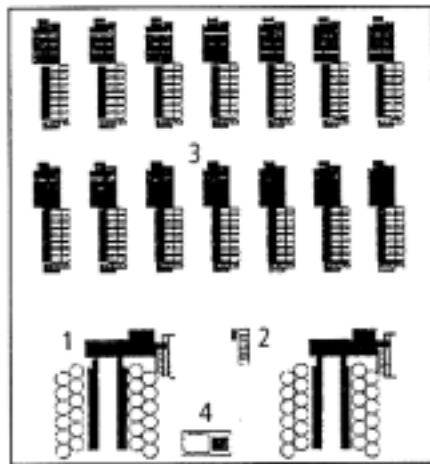
가

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.

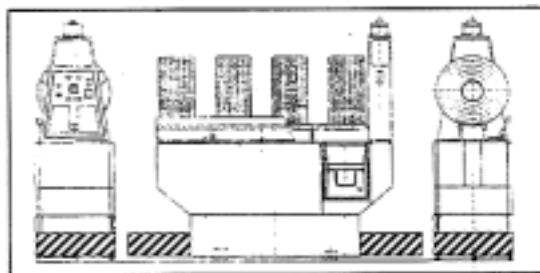
, 가

.



< 2>

1. 2.
3. 4.

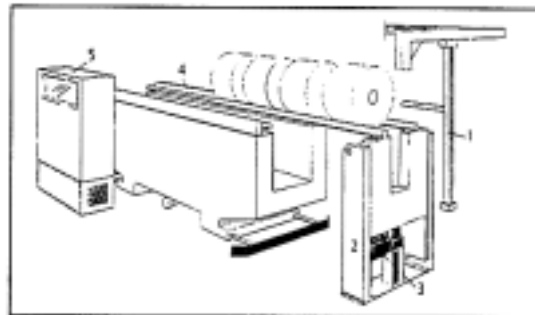


< 3>

5.

< 4>.

4



< 4>

, 가 6

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, .

4

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가

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가 .

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가가

.

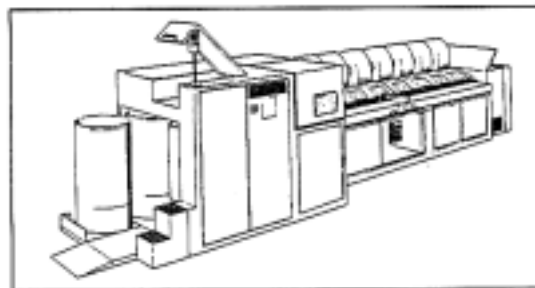
6.

, 가 < 5>. 가

ITMA 91 .

가

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< 5>

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,

(piecing-up)

.
 1 가 .
 mm
 , 가
 (measuring funnel)
 . , U%
 . , 가 .
 ,
 가 .

7. 가 가

.
 - (encoder) :
 .
 - :
 mm .
 - (real time) :
 1, 3, 5, 10 100m U% CV% ,
 . , CV% ,
 . PC ‘Uster

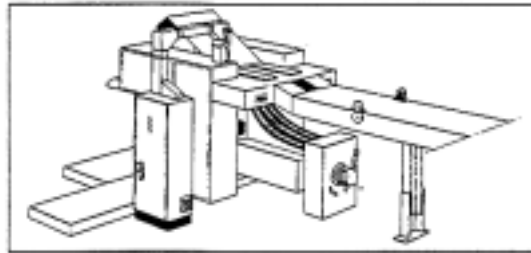
Sliver Data'

- :
.
- : 가 ,
500 가
.
가 . ,
,
.
.
.
- .
- (indexing drive) :
1
.
가
가 .
.
- , U% CV%
- .

8.

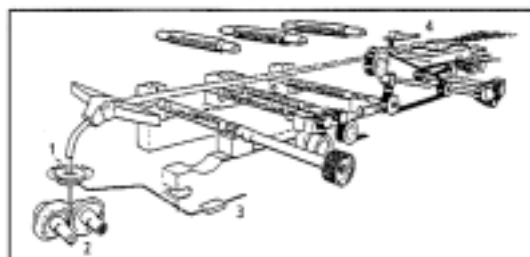
Vouk

mm
 CV%가
 6>.



< 6>

20tex(Ne 30) 0.7~0.8%
 1%



< 7> (funnel)

- | | |
|----|----|
| 1. | 3. |
| 2. | 4. |

< 7>.

‘ ’

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