

(fancy yarn)

1.

2005

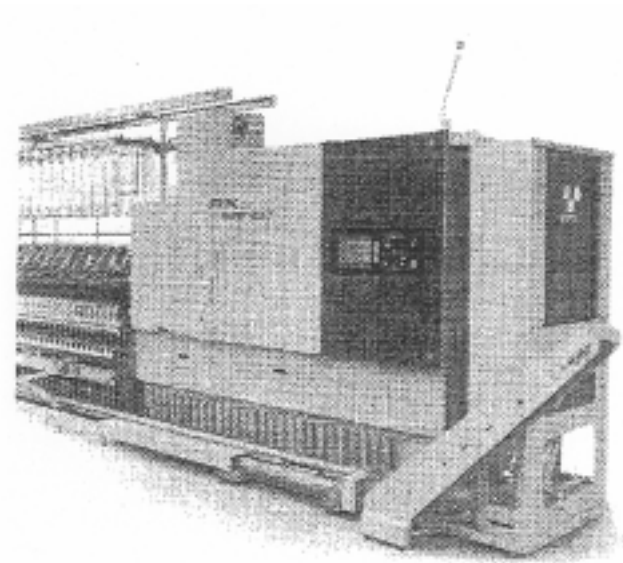
RX240NEW/E-draft

RX240NEW

< 1>

가

() 가 .



< 1> RX240 NEW/E-draft

2.

2.1

, 가 ,

()

가 ,

, 3 가 .

.

.

가 . 가

.



< 2>



< 3>

2.2

가 .
가 .
가 ,
 . < 2>
 ,
 (絲長)
cm 200~400%
가 , 가
 . < 3> .

3.

3.1 ()

3

3.2

(追從性)

3.3 가

JAT710

4.

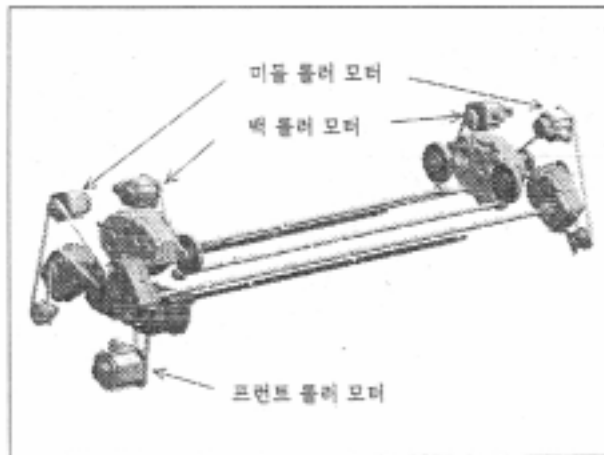
4.1

4.1.1

가

2

. < 4>



< 4>

4.1.2 (電裝)

가

FPGA

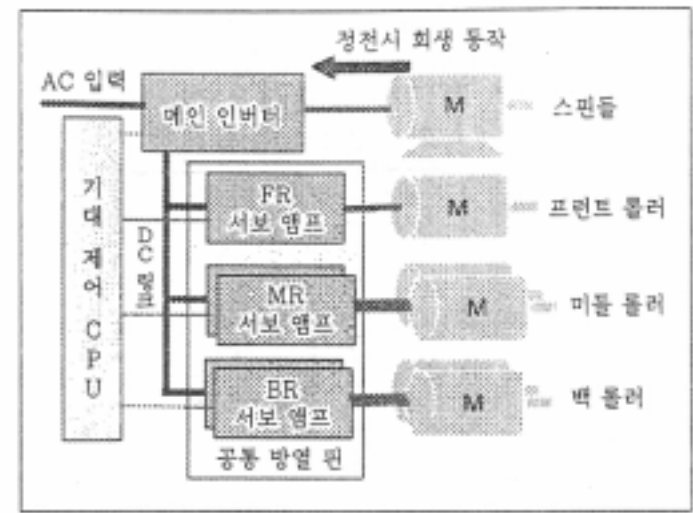
(Field-Programmable Gate Array)

CPU

(同期 停止)

(絲切)

.< 5>



< 5>

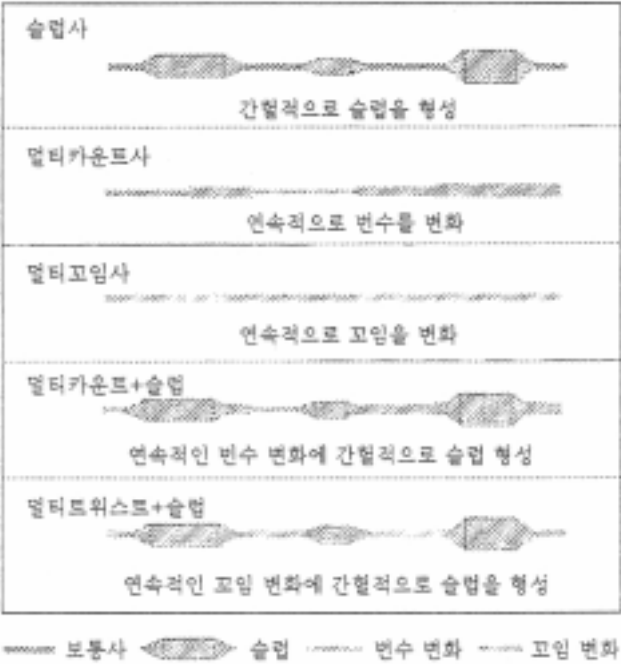
4.2

4.2.1

< 6>

가

+



< 6> 가

4.2.2

200%

가 1/2

.< 7>

4.2.3

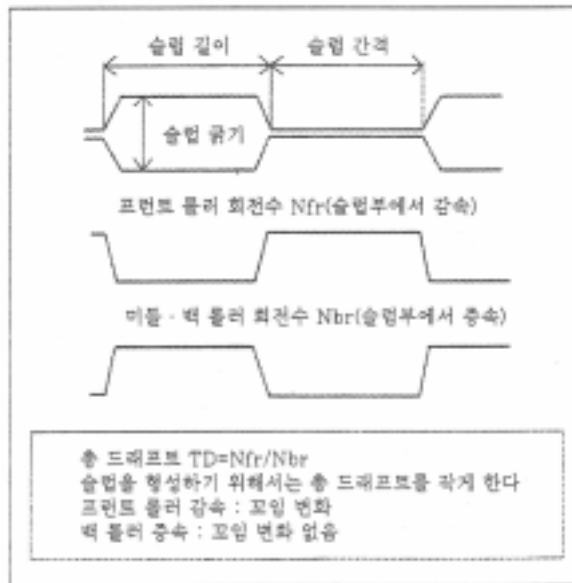
가

가 30 cm/sec

400%

2~3cm

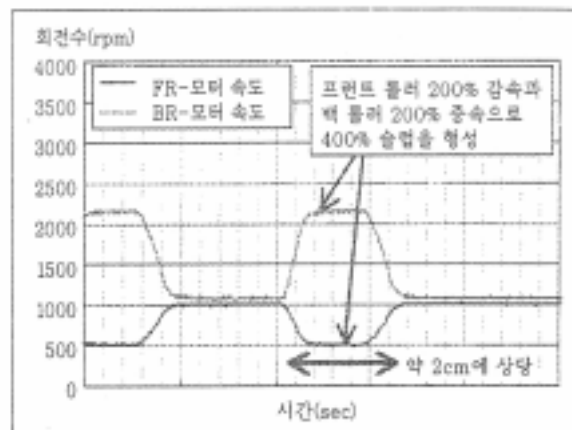
가 .< 8,9 >



< 7>



< 8> 400%



< 9>

4.2.4

, (太絲部),

,

< >

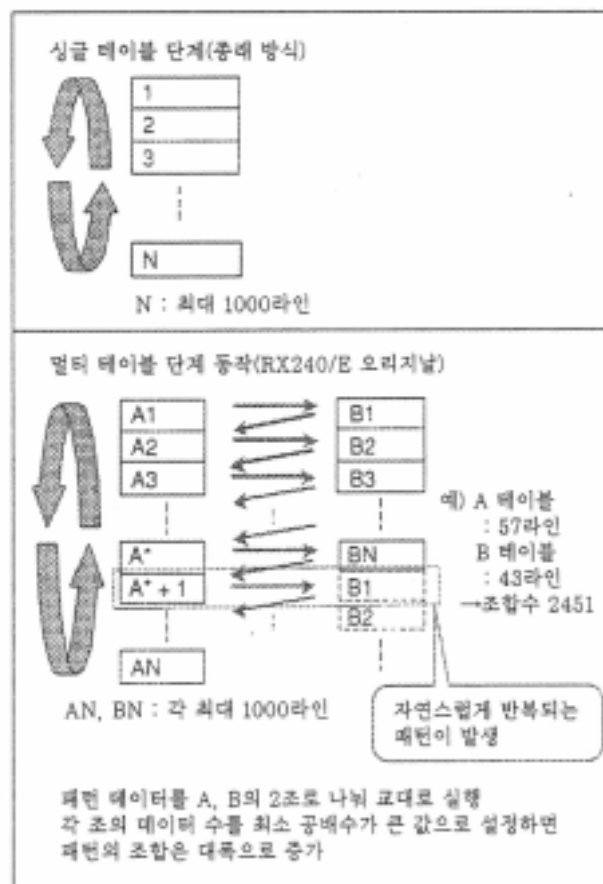
가

가

2

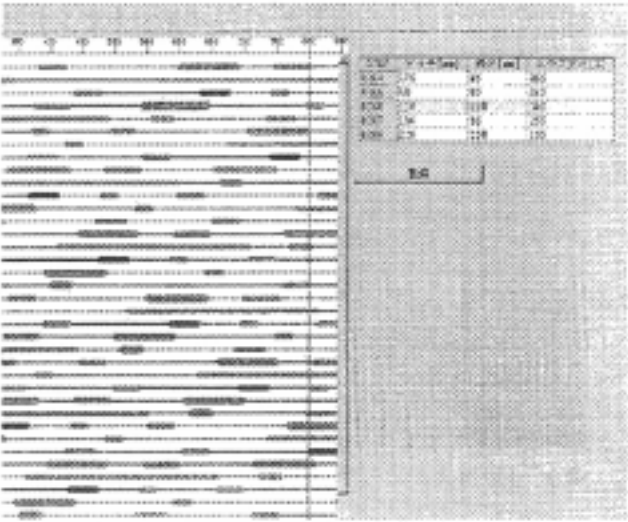
(長大化)

.< 10 >



< 10>

11 >



< 11>

4.3 가

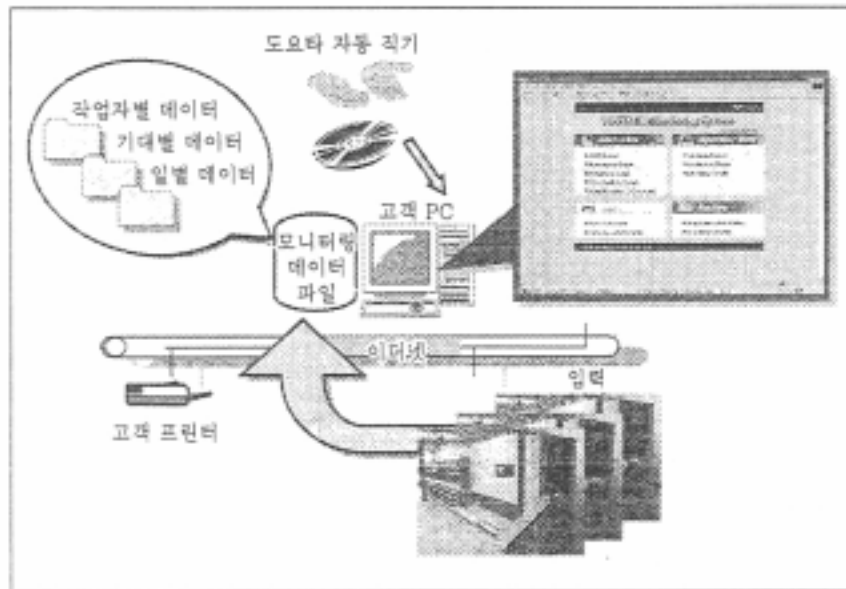
CPU (ether net)

가 TMS

(Toyota Monitoring System) RX240NEW/E-draft

TMS

.< 12>



< 12> TMS(Toyota Monitoring System)

5.

RX240NEW/E-draft

가

가