

TUFTING MACHINE INFORMATION

FROM YAMAGUCHI JAPAN

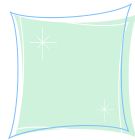


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FULL REPEAT MULTI PILE TUFTING MACHINE WITH STEPPING MOTOR YARN FEEDING SYSTEM

“SHOGUN”

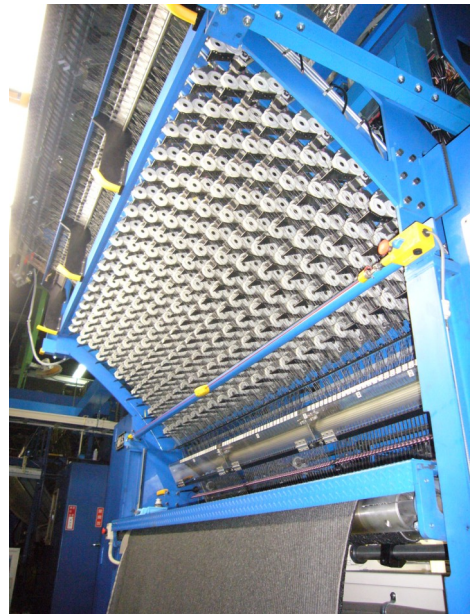
- 1. YARN FEED SETTING : 240 LEVELS
- 2. PILE HEIGHT : 2.5mm~15mm
- 3. MACHINE WIDTH : MAX 4300mm
- 4. NUMBER OF ROLL : MAX 2720 ROLLS
- 5. NUMBER OF NEEDLE : MAX 2720 NEEDLES
- 6. GAUGE : 1/8" , 1/10" , 1/12" , etc...
- 7. MACHINE SPEED : MAX 1100RPM



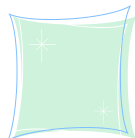
YARN FEED ROLL
2" DIAMETER



STEPPING MOTOR

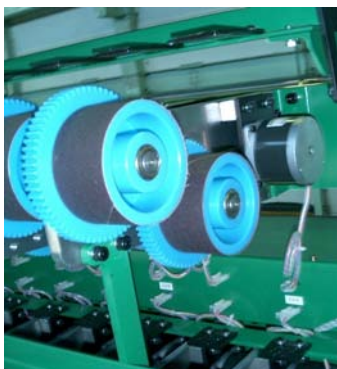


TUFTING MACHINE WITH
“SHOGUN” SYSTEM



SCROLL TYPE MULTI PILE TUFTING MACHINE WITH STEPPING MOTOR YARN FEEDING SYSTEM

- 1. YARN FEED SETTING : 240 LEVELS
- 2. PILE HEIGHT : 2.5mm~15mm
- 3. MACHINE WIDTH : MAX 4300mm
- 4. NUMBER OF ROLL : 60 ROLLS ~ 240 ROLLS
- 5. NUMBER OF NEEDLE : MAX 1700 NEEDLES
- 6. GAUGE : 1/8" , 1/10" , 1/12" , etc...
- 7. MACHINE SPEED : MAX 700RPM
- 8. DESIGN REPEAT : NUMBER OF ROLLS X NUMBER OF GAUGES



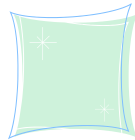
YARN FEED ROLL
4" DIAMETER



STEPPING MOTOR



144 ROLLS STEPPING MOTOR
TUFTING MACHINE



FULL REPEAT TUFTING MACHINE WITH ELECTRICAL CONTROLLED YARN FEEDING SYSTEM

"HCL-2"

HIGH-CUT, MEDIUM-LOOP, LOW-LOOP

- | | |
|---------------------|---------------------------------|
| 1. MACHINE WIDTH | : MAX 5000mm |
| 2. PILE HEIGHT | : HIGH CUT ... 6mm~15mm |
| 3. PILE HEIGHT | : MEDIUM LOOP ... 3mm~12mm |
| 4. PILE HEIGHT | : LOW LOOP ... 3mm~10mm |
| 5. NUMBER OF NEEDLE | : MAX 2000 NEEDLES |
| 6. GAUGE | : 5/32" , 1/8" , 1/10" , etc... |
| 7. MACHINE SPEED | : MAX 650RPM |



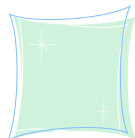
HCL-2 TYPE TUFTING MACHINE



**FULL REPEAT
YARN FEED SYSTEM**



PCL DEVICE



LONG PILE LEVEL CUT TUFTING MACHINE

- | | |
|---------------------|---------------------------------|
| 1. PILE HEIGHT | : MIN. 45mm ~ MAX. 120mm |
| 2. MACHINE WIDTH | : MAX 4300mm |
| 3. NUMBER OF NEEDLE | : MAX 1100 NEEDLES |
| 4. GAUGE | : 5/32" , 5/16" , 5/8" , etc... |
| 5. MACHINE SPEED | : MAX 450RPM |
| 6. STITCH | : 2 ~ 8 St./inch |



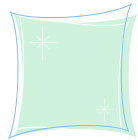
**LONG PILE LEVEL CUT
TUFTING MACHINE**



NEEDLE DRIVE SYSTEM



SERVO MOTOR



MULTI ROLL LOOP TUFTING MACHINE

- | | |
|---------------------|---------------------------------|
| 1. MACHINE WIDTH | : MAX 5000mm |
| 2. NUMBER OF ROLL | : 2 ~ 12 ROLLS |
| 3. NUMBER OF NEEDLE | : MAX, 2000 NEEDLES |
| 4. PILE HEIGHT | : 2.5mm ~ 10mm |
| 5. GAUGE | : 5/32" , 1/8" , 1/10" , etc... |
| 6. MACHINE SPEED | : MAX 750RPM |



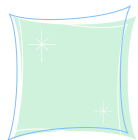
YARN FEED SYSTEM



YARN FEED ROLL

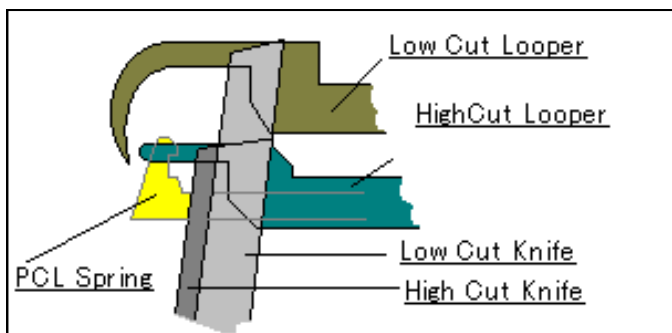


5 ROLL TYPE TUFTING MACHINE



HIGH-CUT & LOW-CUT TUFTING MACHINE

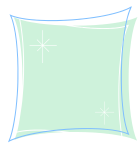
- | | |
|---------------------|----------------------------|
| 1. MACHINE WIDTH | : MAX 3000mm |
| 2. PILE HEIGHT | : HIGH-CUT ... 14mm ~ 18mm |
| 3. PILE HEIGHT | : LOW-CUT ... 6mm ~ 10mm |
| 4. NUMBER OF NEEDLE | : MAX 750 NEEDLES |
| 5. GAUGE | : 5/32" , 5/16" |
| 6. MACHINE SPEED | : MAX 550RPM |



HIGH-CUT & LOW-CUT SYSTEM



HIGH-CUT & LOW-CUT
TUFTING MACHINE



Low Cut & Multi Loop

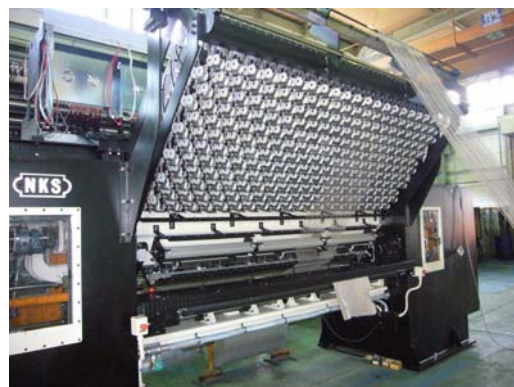
- 1. MACHINE WIDTH : MAX 4000mm
- 2. YARN FEED DEVICE : FULL REPEAT STEPPING ...
- 3. GAUGE : 1/10" , 1/12" , etc...
- 4. PILE HEIGHT (CUT) : 3mm ~ 8mm
- 5. PILE HEIGHT (LOOP) : 3mm ~ 12mm
- 6. MACHINE SPEED : MAX 700RPM



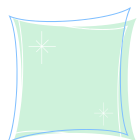
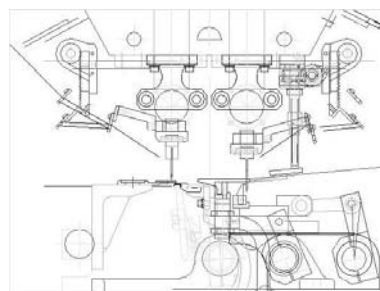
NEEDLE DRIVE



CARPET SAMPLE



1/12" GG. TUFTING MACHINE



Multi Cut Machine

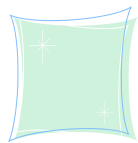
- 1. MACHINE WIDTH : MAX 4000mm
- 2. YARN FEED DEVICE : FULL REPEAT STEPPING ...
- 3. GAUGE : 5/32" , 1/10" , 1/8" ...
- 4. PILE HEIGHT : 3mm ~ 15mm
- 5. P. H DIFFERENCE : MAX 5mm
- 6. MACHINE SPEED : MAX 700RPM



CARPET SAMPLE



1/10" MULTI CUT
TUFTING MACHINE



ULTRA LOW CUT MACHINE

1. MACHINE WIDTH : MAX 4000mm
2. YARN FEED DEVICE : CONSTANT FEED ROLL
3. GAUGE : 5/64" , 1/10" , 1/12" , ...
4. PILE HEIGHT : MIN 1.5mm ~ MAX 10mm
5. STITCH : 6 ~ 15 St./inch
6. MACHINE SPEED : MAX 800RPM

CARPET SAMPLE



5/64" GG. P. H 1.5mm



1/10" GG. P. H 2.5mm



1/12" GG. TUFTING MACHINE