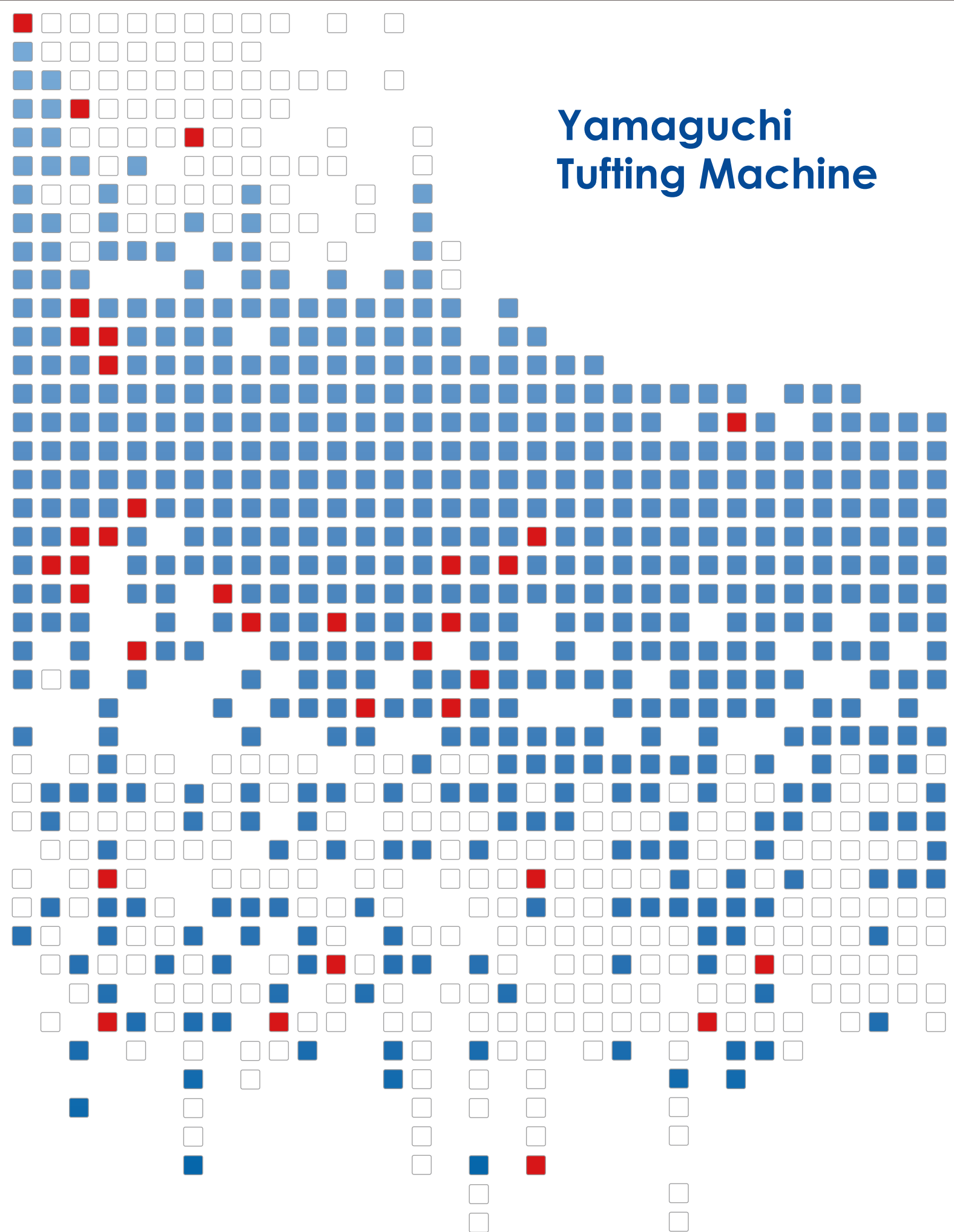


Yamaguchi Tufting Machine





Introduction

YAMAGUCHI started the development, manufacturing and marketing of Tufting Machine since 30years or more and now machines delivered since then counts up to more than 300pcs for customers all over the world. We also provide several kinds of conversion on customer's existing machine such as several kinds of yarn feed device etc. which also counts up to more than 300 cases not just to our original machine but also to machines produced by other manufacturers.

Competitive Superiority about Yamaguchi Tufting Machine

- 1.Machine adjustments are relatively easy.
- 2.Variety of products can be produced with just a single machine by changing yarn and pattern that even allows us to produce car mat, wall-to-wall carpet and tile carpet using one machine.
- 3.Whereas our machine is not specially designed to run same product in extremely high speed, it is suitable to produce variety of products and especially recommended to carpet manufacturers who aim at producing many kinds of product using one single machine.



Machine Outline

	SHOGUN	MULTI ROLL	HCL-2	LCL
Pile type	MULTI-LOOP controlled by 1 Stepping Motor for each yarn	MULTI LOOP with limited pattern repeat (example. 144 Rolls, 120 Rolls etc.)	HIGH-CUT, MIDDLE-LOOP & LOW LOOP	ONE PILE HEIGHT CUT & LOOP
Variety of Pile Heights	256	256	3	1
Pattern Repeat	Full Repeat	No. of Roll x Gauge	Full Repeat	Full Repeat
Yarn Feed Driver	Stepping Motor	Stepping Motor	Full Repeat Yarn Feed Device driven by Servo Motor	Constant Feed Rolls driven by Servo Motor
Application	Tile Carpet, Car Mat, & Wall-to-wall Carpet	Tile Carpet, Car Mat, & Wall-to-wall Carpet	Tile Carpet, Car Mat, & Wall-to-wall Carpet	Wall-to-wall Carpet
Option : PCL Attachment	○ enables CUT & MULTI LOOP	○ enables CUT & MULTI LOOP	Equipped	Equipped

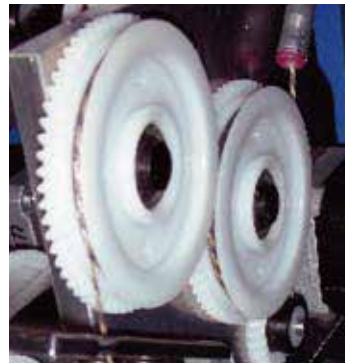
SHOGUN

Multi-Pile "STEPPING MOTOR" Tufting Machine



TRUE ELLEGANCE WITH GRADATION EFFECT!

Each yarns are controlled by their own stepping motor and variety of pile height counts up to 256 kind at maximum with full width pattern repeat. Elegant gradation emerges on the carpet surface and will attract your customer for sure.



Yarn Feed Unit



Yarn Feed Roll	2"dia gear, 1Stepping Motor For Each Yarn
Pile Height	Pile Height Adjustable, 256 Levels at Maximum
Machine Speed	Straight 700 rpm~1200 rpm Sliding 500 rpm~800 rpm
Pattern Repeat	Width:No. of Rolls Max.2720 rolls(1/16" Gauge, Double-Sided Type) Length:Max.20000 mm(In case of 10 stitches/inch)
Machine Width	1~5M
Gauge	1/16", 1/12", 1/10", 1/8", 5/32",etc

MULTI ROLL

Multi Roll Stepping Motor Tufting Machine



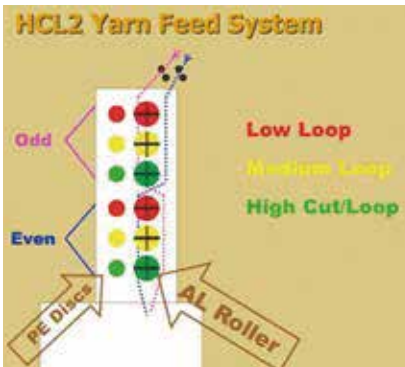
MULTI-LOOP WITH LIMITED PATTERN REPEAT

Maximum 256 of different levels of loop piles so called MULTI-LOOP are produced with limited pattern repeat according to number of gauge and yarn feed rolls. Moreover, by adding optional device "PCL Attachment", the good combination of HI-CUT & MULTI-LOOP will allow you to produce novel and 3-dimensional carpet.

Yarn Feed Roll	120rolls, 144 Rolls, 240rolls of Stepping Motor
Pile Height	256 Levels of Loop Pile
Machine Speed	Max.650 RPM
Pattern Repeat	Number of Rolls×Number of Gauge
Machine Width	Max.5000mm(depends on number of Rolls)
Gauge	5/32", 1/8", 1/10" and 1/12"

HCL-2

3 Pile Height Full Repeat Yarn Feed System Tufting Machine



LUXURIOUS IMPRESSION

Cut and Loop pile can be made per dot anywhere with no limitation. Compared to 1pile height cut & loop machine "LCL", 3pile heights will allow you to create much sophisticated design giving luxurious impression.

Yarn Feed Roll	3PH Full Repeat Yarn Feed Device driven by Servo Motor
Pile Height	High Cut:6~18mm Medium Loop:6~15mm Low Loop:2~8mm
Machine Speed	450~650RPM
Pattern Repeat	Full Width Pattern Repeat
Machine Width	1~5M
Gauge	5/32",1/8"and 1/10"

LCL

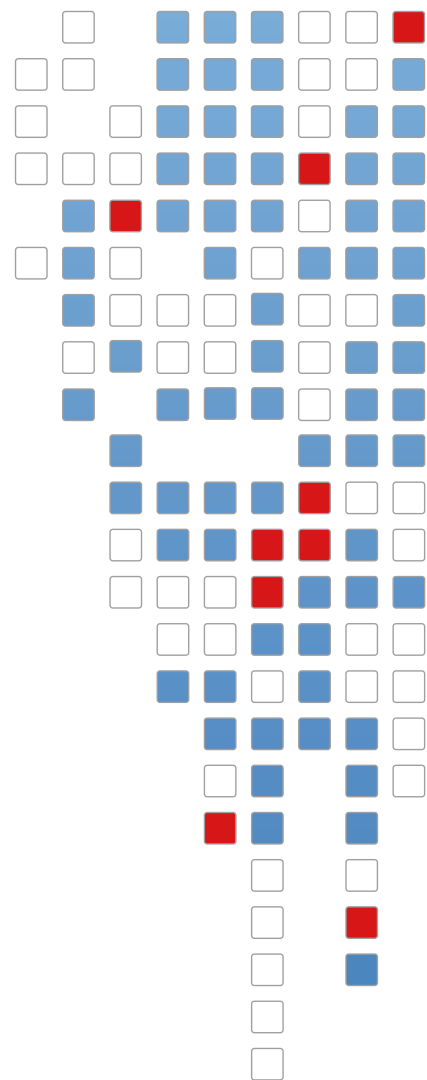
Constant Yarn Feed Roll For Level Cut & Loop



- IMPRESSIVE SHARPNESS !
- 1.Sharp boundary line between cut and loop pile creates vivid design on the carpet.

2.Carpet design can be fully controlled with full width pattern repeat.

Yarn Feed Roll	Constant Yarn Feed Roll driven by Servo Motor
Pile Height	Min.6mm~Max.15mm
Machine Speed	450~650RPM
Pattern Repeat	Full Width Pattern Repeat
Machine Width	1~5M
Gauge	5/32",1/8" and 1/10"



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