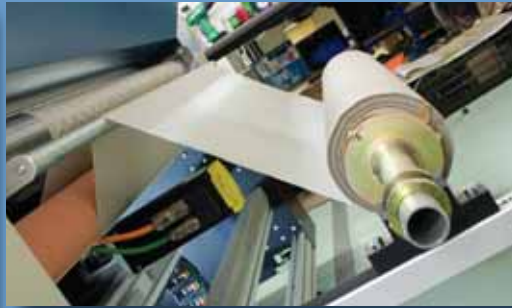


Mtuft™

THE MOST FLEXIBLE TUFTING SAMPLE MACHINE IN THE WORLD

The Mtuft is a single needle per colour carpet tufting machine and introduces a unique concept in tufted carpet product development and sample making.



Mtuft uses a single package of yarn per colour – up to 8 colours.



Servo Controlled Pile Height

The Mtuft Universal Tufting Machine is capable of producing sophisticated pile height effects. Stitch rate and needle gauge are totally controlled by software.



Cut and Loop

The Mtuft can produce cut/loop and cut/multi pile loop in single or multiple colours. Standard needles, loopers hooks and knives are used for ease of maintenance and durability.



Multiple Colour Servo Scroll

The Mtuft Universal Tufting Machine is capable of producing servo scroll carpet with servo control of pile height and up to eight colours. Only a single package of each colour yarn required.



Single and Double Sliding Needle Bar

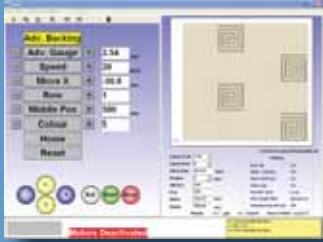
The Mtuft Universal Tufting Machine is designed to allow single, double or unequal sliding needle bar action in combination with up to eight colours and variable pile height.



Carpet samples in minutes...

Payback in under 2 years





Machine control software



Dual PC monitor with Ned Graphics



Precision engineering for long life

Model Range	Standard Stroke	Long Stroke	Extra Long Stroke	Single Needle
	TMS	TMSL	TMSXL	TMSSNXL
Max Speed Straight Stitch	Up to 20 per second	Up to 30 per second		Up to 30 per second
Max Speed Shifted Stitch	Up to 10 per second			Not available on this model
Max Loop Height	3/4" 19 mm	2" 51 mm	3" 75 mm	3" 75 mm
Min Loop Height	1/16" 2 mm			
Range of Gauge	1/16" to 1/4"			
Range of Stitch Rate	4 to 16 stitches / inch (16 to 64 stitches / 10 cm)			
Number of Colors	Max 8 colors			Single color
Optional Variable High-Low Cut	Not available on this model	Available, as option		Not available on this model
Software Included	Machine Control Software & Nedgraphics OEM Tuft Modra Advanced Controller			Machine control software only, set of standard pattern (No Nedgraphics Advanced Controller)
Design format	Open Tuft format (exported by Vision Tuft)			
Machine Sizes	101	201	251	
Max Sample Width	1m	2m	2.5m	
Mass	750 Kg / 1650lbs	975 Kg / 2150lbs	1100 Kg / 2425lbs	
Dimensions (without creel)	2300 w x 930 d x 1340 h 91" w x 37" d x 53" h	3300 w x 930 d x 1340 h 130" w x 37" d x 53" h	3800 w x 930 d x 1340 h 150" w x 37" d x 53" h	
Machine Requirements and Environment				
Power Requirements	220 / 240 volts AC 50 / 60 Hz 10 A Max, Single Phase			
Air Supply Requirements	150 Lit/min @ 7 bar; 5 cfm @ 100 psi			
Environment	Normal Operating Temperature 10 - 25 Degrees Celcius, in a clean & dry environment (5 - 95% humidity, non condensing)			

All specifications subject to change without notice.

Benefits to Your Business

Flexible

- One machine for all gauges – 1/16" to 1/4"
- Pile height from 2mm to 75mm
- Stitch rates from 1/16th to 1/4"

Mtuft For All These Tufted Constructions

- Cut, loop and cut-loop
- Single, double and unequal sliding needle bar
- Variable stitch (virtual weave)
- PSP, DSP, jute shift
- Full repeat scroll
- Fine line

Earns You Money

- Fast response to customer's design needs
- Shortens the product development cycle

Saves You Money

- Frees up production
- One package of yarn per colour
- Reduces set-up times
- Payback in under 2 Years

Visit modra.com.au for:

- Sample requests
- Operational videos and images
- Customer testimonials
- Reference lists
- White paper



Modra Technology Pty Ltd

10 Neilson Court, Warragul
Victoria 3820, Australia

tel: +61 3 5622 3261
fax: +61 3 5622 3683
e-mail: sales@modra.com.au

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