



A NEW APPROACH TO TUFTING

MTUFT PRO

The Mtuft Pro is a tufted carpet machine giving new flexibility in construction, package count and product size.

Construction

The Mtuft Pro is based on gauge parts of up to 300mm wide tufting sideways across a primary backing. A unique feature of the machine is that the gauge parts are interchangeable - 1/4" gauge through to 1/12" gauge can be installed, with changeover in as little as 1 hour.

Many tufted constructions can be made including level cut, level loop, cut and loop, level cut loop, multi roll variable height loop and individual needle variable height loop (all straight stitch).

Package Count

For maximum productivity, the Mtuft Pro should have the full 300mm of needles installed. On an 1/8" gauge setup this is 90 needles. This is of particular benefit in the reclaiming of otherwise waste yarn - thousands of package ends can be rewound into 90 packages and used to produce full size product. Also, less needles can be used to make the same size product at a lower production rate. This is beneficial for very short runs, as the creeling time is fast.



The Mtuft Pro is suitable for:

- Reclaiming waste yarn for the original or alternative construction
- Sample “production”, multiple samples or room size mock ups
- The production of tufted rugs, particularly for limited numbers or using higher value fibres
- The production of smaller area plain wall to wall carpets (traditional “pass machine”)
- Tufted start-ups – giving the flexibility of different constructions with one machine

The Mtuft Pro is a new approach to producing tufted carpet. It creates economically viable opportunities where none existed before. It is flexible and configurable to individual needs – waste recovery, sampling, specialist rugs or custom wall to wall production.



Product Size

Product width is computer controlled and can be up to 5.0 Mt on TMP-50 model. The number of packages on the creel and the product size is independent, giving great flexibility. Shaped production is possible giving opportunities for creative product and waste reduction.

Model Number	TMP-50	TMP-40	TMP-20
Machine WxDxH (mm) [excludes creel]	7000 x1500 x 2400	6000 x1500 x 2400	4000 x1500 x 2400
Product Width	Up to 5Mt	Up to 4Mt	Up to 2Mt
Max Backing Width (mm)	5100	4100	2100
Power Requirements	3ph 10 Kva		
Air Requirements	300 lit/min @ 7 bar [ex. LCL]		

All specifications subject to change without notice.

