

Ridgway **LHT** **LHT TAPING MACHINE**

Designed to apply layers of tape (Kevlar®, steel, glass etc.) on to plastic liners in the manufacture of Reinforced Thermoplastic Pipe (RTP–SRTP)



LHT Taping Machine...

Each LHT machine applies multiple tapes with tensions up to 1000N.

The machine follows a signal from an upstream caterpillar and, with the use of dedicated software, lays the tapes accurately to the required specification.

Up to 10 LHT taping machines can be configured in an RTP taping line to provide multiple reinforcement layers.

Servo drives

▼ Servo drives for precise layering control.

Tape positioning

▼ Automated positioning system for accurate tape application.

Adjustable taping angles

▼ Graduated sector plates fitted to all final rollers for precise angle adjustment.

Controlled braking

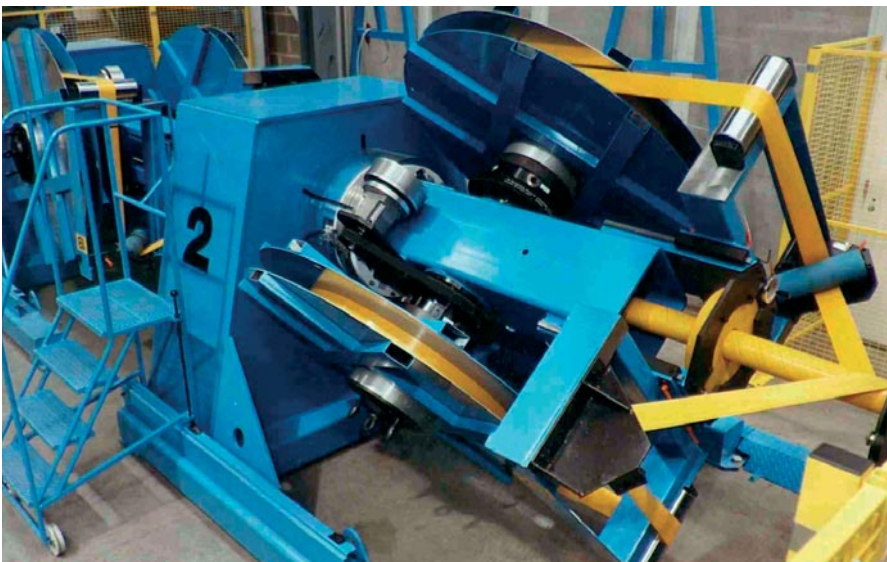
▼ Close loop controlled electronic braking for precise and constant tape tensioning.

Remote diagnostics

▼ Control cabinet with remote diagnostics.

Flexible interface

▼ Modern control system interfaces with other production line equipment – such as caterpillars and carousel drum stands.



▼ **SPECIFICATION**

Tape pads

Ø Up to 1600mm x 300mm core
Weight: Up to 900kg
Number of pads: Up to 6

Tape widths

Up to 300mm

Tape material

Kevlar®, steel, glass, etc.

Tape tension

Up to 1000N

Taping angles

1 to 60 degrees

Speed range

Up to 40 rpm

Pipe OD

Max. dia. 350mm

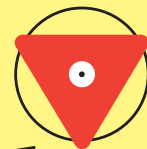
Electrical supply

400 volt 3 phase 50 hz
(other supplies available)

Compressed air supply

6 bar – clean and dry

Top quality solutions to all your taping machinery requirements are only a contact call away...



Ridgway
MACHINES

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