



CNC Automated Tension Roller 36X2



The Williams & White 36X2 is a CNC pattern tension roller designed for tension rolling circular saw blades. This new technology implements automation and added safety features to the highly renowned Williams & White Dish-O-Matic Stretcher Roll. The 36X2 allows the operator to program saw tension combinations and uses servo and hydraulic controls to deliver the most accurate and repeatable results in the industry.

Highlights

- ✓ **Fully programamable touch screen** → 10" HMI on separate operator stations
- ✓ **Dynamic tension roll pressure** → accurate to 10 PSI
- ✓ **Store up to 500 tension combinations** → repeatable programs for every saw
- ✓ **Light curtain guarding in rolling area** → for increased safety
- ✓ **Servo-driven saw centre** → for precise rolls every time

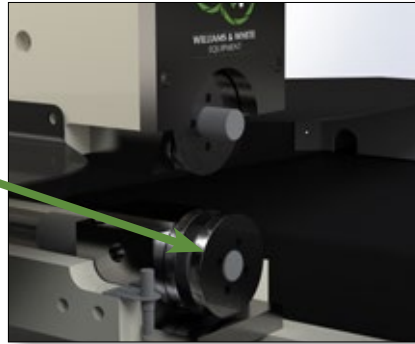
PERFECT FOR MEDIUM-HIGH PRODUCTION FACILITIES!



Key Features

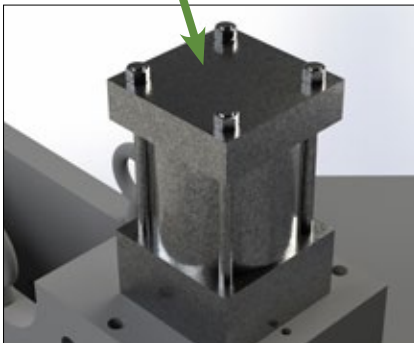
CNC roll pattern Saw tensioning

- + The 36X2 can be programmed to roll defined tension positions on the saw at any diameter and pressure. This feature allows the user to program all tension requirements beforehand, resulting in a highly efficient process with reduced repetitive labour requirements.



Smart roll pressure system

- + The 36X2 has real-time pressure sensing compensation software.
- + This means it can automatically compensate for inconsistent mechanical properties in the saw plate, resulting in highly accurate, highly repeatable tension bands.



Teach function

- + Users can program the machine using a convenient teach function. The teach function enables the user to jog the Machine to specific locations, mimicking the traditional process to develop the CNC program.
- + Reduce tensioning time by up to 50%

Integrated saw lift to avoid any scratches

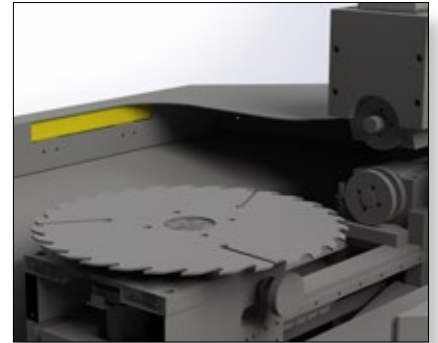
Options

+ Strobe sensor

The 36X2 strobe sensor automatically detects and avoids strobes.

Safety & ergonomics

- + The 36X2 reduces repetitive motion strains and the injuries by eliminating manual tensioning.



Loader ready

The 36X2 can be used alongside the Williams and White Robotic Loader, transforming this machine into a fully automated tensioning station



Specifications

Circle saw capacity	Up to 36"	914mm
Plate thickness	Up to 1/2" thick	Up to 12.7mm thick
Dimensions	H:62" L: 73" W:46"	H:1570mm x L:1850mm W:1170mm
Standard roll radius	6"	150mm
Shipping weight	1200lb	540kg
Voltage	480 Vac, 3 Ph, 60Hz,	400 Vac, 3 Ph, 50Hz,
Power	5kVA	5kVA

Williams and White reserves the right to alter or amend specifications without prior notice



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