



# Magnatech International

## 225-II

### SHUTTLE TYPE MAYPOLE WIRE AND TEXTILE BRAIDER



CE

#### FEATURES & BENEFITS

- Carrier transfer controlled by a positive rotor and shuttle system
- Significantly improved braid strand tension uniformity compared to horn gear type maypole braiders
- Recirculating lubrication system

#### SPECIFICATIONS

No. Carriers		20	24	36
Carrier RPM	Maximum	45	37.5	25
Productivity/Minute*	Wire	0.99m (3.24ft)	1.3m (4.3ft)	1.39m (4.56ft)
	Yarn	0.99m (3.24ft)	1.3m (4.3ft)	1.39m (4.56ft)
	Hose ID	10.0mm (0.39in)	12.7mm (0.5in)	25.0mm (0.98in)
Bobbin Capacity	Wire		8.16Kg (18 lbs)	
	Yarn		2818cm <sup>3</sup> (172 in <sup>3</sup> )	
Carrier Tensions	Wire		5.5-14.1Kg (12-31 lbs)	
	Yarn		1.4-4.4Kg (3-10 lbs)	
Carrier Operating Principle	Wire		Wrapped Spring Clutch	
	Yarn		Torsion Spring—Ratchet	

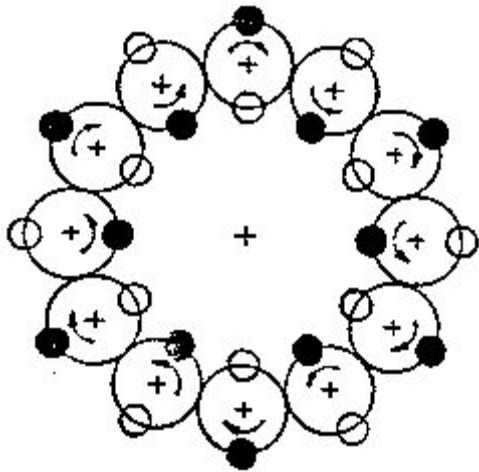
\*Assumes neutral braid angle on 1<sup>st</sup> ply

# 225-II

## SHUTTLE TYPE MAYPOLE WIRE AND TEXTILE BRAIDER

The Maypole principle is analogous to children dancing around a maypole. This principle employs carriers transferred by a rotor and shuttle creating a sinusoidal motion.

### Improved Wire Carrier



CR-225-9 WIRE CARRIER

- Single clutch base lube fitting enables lubrication without bobbin removal
- Standard size lube fitting permits use of standard size grease gun tip
- Infinite spring tang positioning gives a precise and accurate release point
- Gage sets carrier release point and allows rapid setting of clutch release
- Sintered iron slipper bushing increases bushing life
- Larger bobbin locks provide longer service life

## THE AUTOMOTIVE, HYDRAULIC AND INDUSTRIAL HOSE MANUFACTURING PROCESS

