

PANDJIRIS, INC

5151 Northrup • St. Louis, MO 63110 • (314) 776-6893

MODEL PR-480/120 TURNING ROLL

The **Model PR-480/120 Turning Roll** has a capacity of 240 tons turning and 60 tons support. It features Pandjiris' exclusive torque-tube wheel design sealed bearings, alloy shafts. The power roll uses an AC Motor coupled to a mechanical Vari-Drive to provide speed adjustment through out the speed range identified below. A hand pendant is provided with "Forward-Stop-Reverse" buttons. Speed adjustment is made with the hand crank in the vari-drive. This product is wired for 230/460 volts, 3 phase, 60 cycle, draws 16 amps @ 230 VAC. All wiring conforms to National Electrical Code Standards.

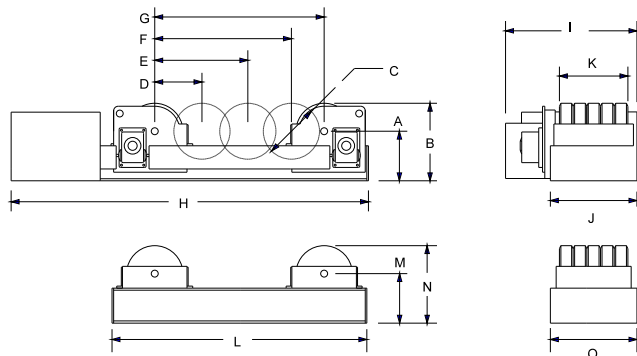
Turning Capacity 480,000 lbs.
 Tractive Effort 22,171 lbs
 Load Capacity 120,000 lbs.
 Pipe Diameter Range 12" thru 21"
 Speed Range 4.5 to 39 ipm
 Motor Horse Power Rating 5 HP AC Motor (Vari-Drive)
 Wheel Diameter 20"
 Combined Wheel Face 25"

The **Model IR-120 Idler Roll** has 60 tons support capacity.

Weight Capacity of IR-120 120,000 lbs
 Weight Capacity of (1) PR-480 with (1) IR-120 240,000 lbs
 Weight Capacity of (1) PR-480 with (2) IR-120 360,000 lbs
 Weight Capacity of (1) PR-480 with (3) IR-120 480,000 lbs

A	Axle Height	20"
B	Wheel Height	30-1/8"
C	Wheel Diameter	20"
D	Spacing for Cylinder ϕ 36" - 108"	43"
E	Spacing for Cylinder ϕ 60" - 153"	59-1/2"
F	Spacing for Cylinder ϕ 102" - 202"	76"
G	Spacing for Cylinder ϕ 160" - 252"	92-1/2"

H	Overall Length Power Roll	170-1/2"
I	Overall Width Power Roll	55-1/2"
H	Frame Width Power Roll	36"
K	Combined Wheel Face	25"
L	Overall Length Idler Roll	125-1/4"
M	Axle Height	20-1/8"
N	Wheel Height	30-1/8"
O	Frame Width Idler Roll	36"



Terms: Pandjiris, Inc. standard terms and conditions apply, f.o.b. Factory, St. Louis, Missouri, or designated ship point.

Delivery: Consult Factory
 Approximate shipping weight:
 PR-480 7,100 lbs.
 IR-120 3,950 lbs.

PRICE LIST	
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PR SERIES TURNING ROLLS Optional Accessories

For electric remote speed control pendant on 25' of cable
in place of Vari-Drive hand crank speed adjustment

For special voltages, PR-400/200 thru PR-480/120

PRICE LIST

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