



GEO • LUNA • AXIS

**ORBITAL
WRAPPING
SOLUTIONS**

WWW.POLYCHEM.COM

Semi-automatic Orbital Wrapper

Geo 50

Designed to wrap:

- mouldings
- aluminum profiles
- blinds
- shelves



Geo 90

Designed to wrap:

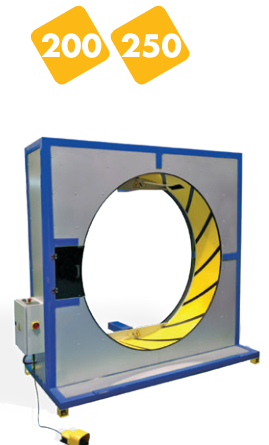
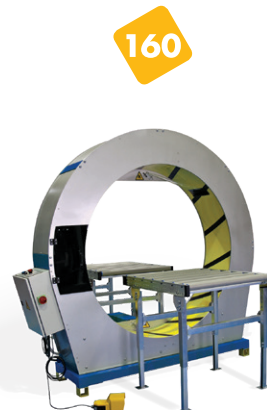
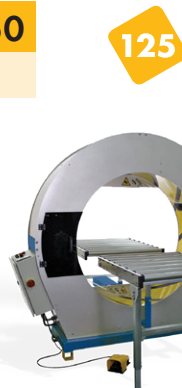
- furniture
- doors
- wood panels
- cabinets



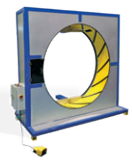
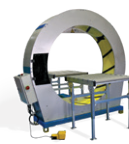
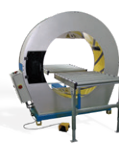
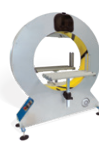
Geo 125, 160, 200/250

Designed to wrap:

- furniture
- doors
- panels
- wooden boards
- cabinets
- windows
- bulky products



SPECIFICATIONS



50

90

125

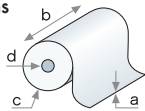
160

200

250

Double film reel dispenser head	●	●	●	●	●
Adjustable stretchfilm tension	●	●	●	●	●
Self-blocking reel system	●	●	●	●	●
Safety foot switch	●	●	●	●	●
Side gravity rollers	○	○	○	○	○
Touch screen to adjust parameters			●	●	●
Automatic stretchfilm threading			○	○	○
Double automatic film cutter	●	●	●	●	●
Wheels with brake	○	○			
Bubblewrap dispenser	○	○	○	○	○
Short products bridge <600 mm	○	○	○	○	○
Side gravity rollers "V" shape	○	○			
Manual top press	○	○	○	○	○
Variable ring rotation speed	●	●	○	○	○
	350 rpm	140 rpm	70 rpm	60 rpm	50 rpm
Gravity roller conveyors	○	○	○	○	○
	15" x 12"	27" x 12"	31" x 39"	31" x 39"	47" x 39"
Inverter / PLC	●	●	○	○	○
	Omron	Omron	Fuji / Omron	Fuji / Omron	Fuji / Omron
Power supply	●	●	●	●	●
	230 V I	230 V I	230 V I	230 V I	230 V I
Engine / Power consumption	0.36 Kw 0.26 Kw	0.55 Kw 0.31 Kw	1.10 Kw 0.48 Kw	1.10 Kw 0.52 Kw	1.10 Kw 0.55 Kw

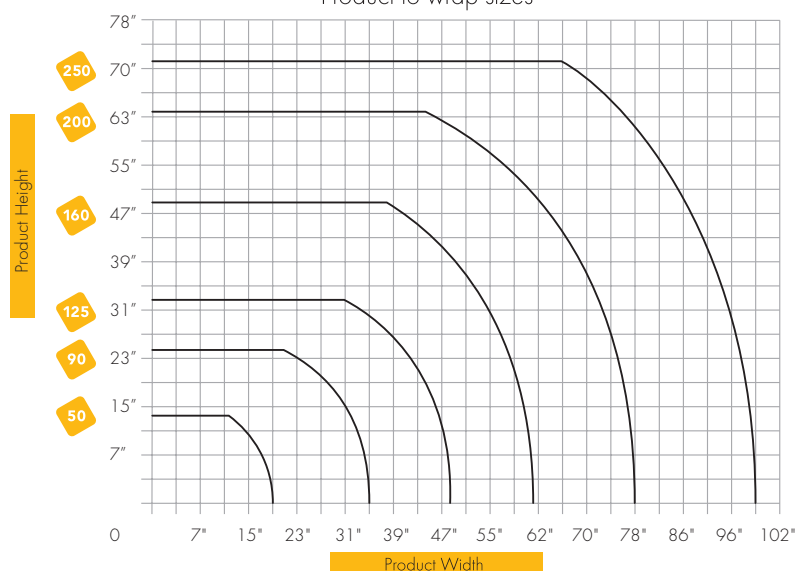
Reel dimensions



a	90 gauge	90 gauge	90 gauge	90 gauge	90 gauge
b	4"	4", 6"	4", 6", 9"	4", 6", 10"	4", 6", 10"
c	7"	7"	7"	9"	9"
d	1.5"	1.5"	1.5"	1.5"	1.5"

PRODUCT DIMENSIONS

Product to wrap sizes



Fully-automatic Orbital Wrapper

Luna 50

Designed to wrap:

- mouldings
- profiles
- blinds
- shelves



Luna 90

Designed to wrap:

- furniture
- doors
- wood panels
- cabinets



Luna 125, 160, 200/250

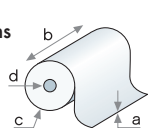
Designed to wrap:

- furniture
- doors
- panels
- wooden boards
- cabinets
- windows
- bulky products

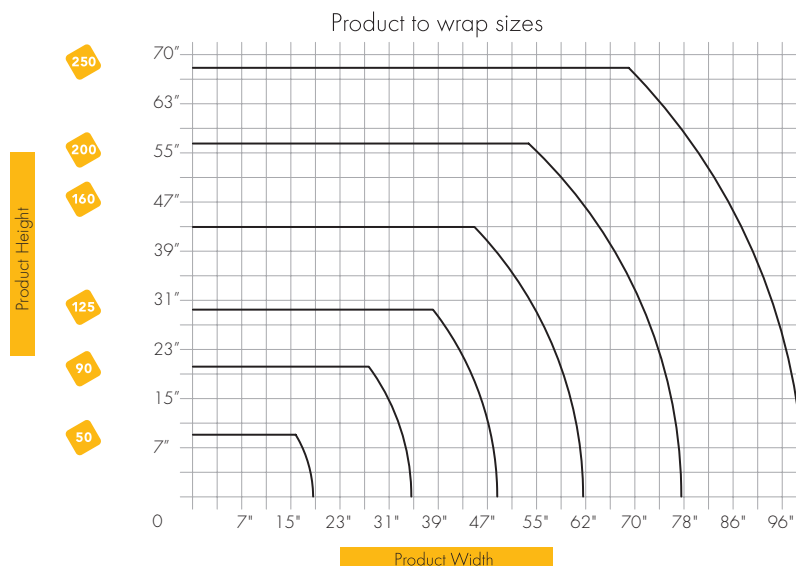


SPECIFICATIONS



	50	90	125	160	200 250
Double film reel dispenser head	●	●	●	●	●
Adjustable stretchfilm tension	●	●	●	●	●
Self-blocking reel system	●	●	●	●	●
Automatic stretchfilm threading	●	●	●	●	●
Adjustable film reinforcement laps	●	●	●	●	●
Automatic film cutter system	●	●	●	●	●
Photocell to start automatic cycle	●	●	●	●	●
Touch screen to adjust parameters	●	●	●	●	●
Wrapping programs & film bunding	●	●	●	●	●
Pneumatic lateral centering device	○	○			
Top presses	○	○	○	○	○
Bubblewrap reel automatic dispenser	○	○	○	○	○
End of reel warning	○	○	○	○	○
Variable ring rotation speed	● 180 rpm	● 100 rpm	● 80 rpm	● 60 rpm	● 55 rpm
Variable conveyors speed	● 88 ft / min.	● 49 ft / min.	● 49 ft / min.	● 49 ft / min.	● 49 ft / min.
Driven Conveyors (suggested)	○ 19" x 39"	○ 23" x 39"	○ 31" x 39"	○ 39" x 39"	○ 47" x 39"
Inverter / PLC	● Fuji / Omron	● Fuji / Omron	● Fuji / Omron	● Fuji / Omron	● Fuji / Omron
Power supply	● 230 V I	● 230 V I	● 230/400 V III+N	● 230/400 V III+N	● 230/400 V III+N
Engine / Power consumption	1.25 Kw 0.64 Kw	1.50 Kw 0.97 Kw	3.00 Kw 1.61 Kw	3.00 Kw 1.63 Kw	3.00 Kw 1.66 Kw
Air pressure	90 Psi	90 Psi	90 Psi	90 Psi	90 Psi
Reel dimensions					
a	90 gauge	90 gauge	90 gauge	90 gauge	90 gauge
b	4"	4", 6"	4", 6", 10"	4", 6", 10"	4", 6", 10"
c	7"	9"	9"	9"	9"
d	1.5"	1.5"	1.5"	1.5"	1.5"

PRODUCT DIMENSIONS



Orbital Wrappers for Round Products

(available in semi-automatic & automatic)

Axis 50

Designed to wrap rolls of:

- pipes
- tubes
- cables
- rings
- tires
- frames



Axis 90

Designed to wrap rolls of:

- cables
- tubes
- rings
- tires



SPECIFICATIONS

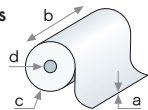


50



90

Table with gravity rollers	●	
Double film reel dispenser head	●	●
Automatic stretchfilm threading	●	●
Safety foot switch	●	●
Double automatic film cutter	●	●
Table with gravity balls	●	
Driven roller table	○	●
Side gravity rollers	○	○
Wheels with brake	○	○
Touch screen to adjust parameters	○	○
Remote technical assistance (via Ethernet)	○	○
Safety fences	○	○
Variable ring rotation speed	● 50 rpm	● 30 rpm
Variable driven rollers speed	○ 39 ft / min.	○ 23 ft / min.
Inverter / PLC	● Fuji / Omron	● Fuji / Omron
Power supply	230 V I	230 V I
Engine / Power consumption	0.48 Kw 0.68 Kw	0.91 Kw 0.62 Kw
Air pressure	58 Psi	58 Psi
Reel dimensions	90 gauge	90 gauge
	4"	4"
	5"	5"
	1.5"	1.5"



PRODUCT DIMENSIONS

Product to wrap sizes

	Axis 50	Axis 90
e	13 - ∞ in	
f	0.4 - 10 in	
g	9.6 - ∞ in	
h	9.6 - ∞ in	
i	0.4 - 17.7 in	
j	0.4 - 17.7 in	
k	11 - 35 in	13 - 70 in
l	14 - 37 in	17.25 - 71 in
m	0.4 - 8 in	2 - 16.5 in

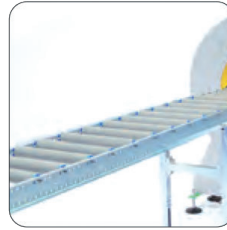
ACCESSORIES



Automatic film
cutter & clamp



Touch Screen



Roller Conveyors



Bubblewrap Reel Dispenser

STANDARD EQUIPMENT



Safety Footswitch



Ring Protection



Adjustable Stretchfilm
Tension



Control Panel



Double Film Reel
Dispenser Head

CONSUMABLES



CALL TOLL FREE 1-800-548-9557
www.polychem.com

6277 HEISLEY ROAD
MENTOR, OHIO 44060
(440) 357-1500
FAX (440) 352-9553

WEST COAST DISTRIBUTION CENTER
11920 ALTAMAR PLACE
SANTA FE SPRINGS, CA 90670
(562) 903-4576
FAX (562) 903-4579
1-800-899-0822

