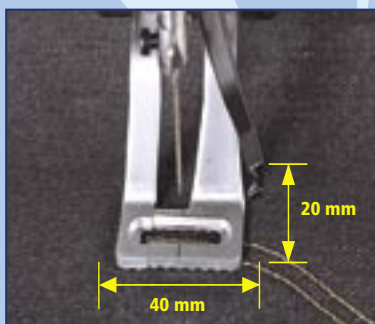


direct drive
electronically controlled
bartack machine



Global® PL 4020 Series – Electronic bartack machines

TECHNICAL SPECIFICATIONS

Machine speed*
up to 2600 spm

Stitch length
0.1–10 mm

Feeding system
by pulse motor

Hook type
standard shuttle hook

Needle type
135x17

Needle bar stroke
41.2 mm

Presser foot lift
max. 17 mm
(all electric)

Power source
240V 1Ph – 50/60 Hz
direct drive
AC servo motor

ELECTRONICALLY CONTROLLED BARTACK MACHINE

PL 4020 – This machine is driven by a direct drive AC servo motor and is suitable to sew medium/heavy materials. Standard delivered with 32 stitch patterns on P-ROM (another 67 patterns are optional).

ELEKTRONISCHE STICH RIEGELMASCHINE

PL 4020 – Diese Maschine wird angetrieben durch einem integriertem AC-Servomotor und ist geeignet für mittlere und schwere Materialien. Standard geliefert mit (fest eingegebenen) 32 Stichbildern am P-Rom (67 extra Speicherplätze für Stichbilder vorhanden). Komplett mit Tisch und AC-Servomotor.

MACHINE ARRÊT À COMMANDE ÉLECTRONIQUE

PL 4020 – Machine à commande par moteur servo AC et compatible pour la couture de matières mi-lourde à lourdes. Livraison en standard avec 32 programmes. En option 67 programmes. Livrée complète avec bati, table et moteur AC.

MÁQUINA ELECTRÓNICA DE PRESILLAS

PL 4020 – Máquina accionada por un motor AC servo directo, adecuada para coser materiales medios y pesados. Equipada standard con 32 patrones fijos. Otros 67 disponibles son opcional. La máquina se entrega completa con bancada, tablero y motor AC.

Global® PL 4020 Series

New electronically controlled bartack machine with accurate X – Y feeding system, driven by pulse motors.

The Global PL 4020 offers you up to 32 stitch patterns standard on P-ROM in each machine. Another 67 patterns are optional. The PL series are delivered complete with stand, table top and AC servomotor.

Direct drive system for accuracy at the stop location, resulting in precise sewing conditions. No V-belt, which reduces noise and vibrations.



Table of Standard Patterns

application	no	pattern	nr. of stitches	sewing area X (mm) Y (mm)	
for heavy and general materials	1		28	10	2
	2		28	16	2.5
	3		36	10	2
	4		36	16	2.5
	5		42	10	2
	6		42	16	2
	7		42	16	2.5
for heavy and general materials	8		42	24	3
	9		56	24	3
	10		64	24	3
for thin materials	11		21	6	2.5
	12		28	6	2.5
	13		36	6	2.5
for knitted materials	14		14	8	2
	15		21	8	2
	16		28	8	2
straight line	17		21	10	0
	18		28	10	0

Patterns 1 - 7, 17 and 18 are standard on machine

Patterns 8-10 and 19 - 32 need another sewing set

For patterns 11 - 16 the machine has to be converted

application	no	pattern	nr. of stitches	sewing area X (mm) Y (mm)	
straight line	19		28	25	0
	20		36	25	0
	21		41	25	0
	22		44	35	0
semi circle	31		42	11	7
	32		42	11	7

vertical application				
nr.	23	24	25	26
pattern				
nr. of stitches	28	36	42	28
sewing area	X (mm)	4	4	4
	Y (mm)	20	20	20

linear vertical application				
nr.	27	28	29	30
pattern				
nr. of stitches	18	21	21	28
sewing area	X (mm)	4	4	4
	Y (mm)	20	10	20

Specifications

model	needle bar stroke mm	thread trimmer	stitch length mm	sewing area mm	presser foot lift mm	thread wiper	max. sewing speed spm
PL 4020	41.2	●	0.1 - 10	40 x 20	max. 20	●	max. 2400

★ Max. sewing speed (in spm.) depends on type of operation and/or materials to be sewn.

The GLOBAL® Selection is brought to you by:

GLOBAL® is a trademark of the Global International Corporation, the people that carefully organize the supply of spareparts before they launch each product.

When ordering parts please specify:

- ① machine model
- ② part numbers