

JACK Industrial Sewing Machines

Lockstitch, heavy-duty, overlock, interlock, buttonhole, bartack and automatic machines from JACK, with full specifications.

ماكينات جاك للخياطة الصناعية



JACK, China · Al Borj Machinery LLC, UAE

JACK and Al Borj

جاك والبرج للمكائن

JACK was founded in Zhejiang, China, in 1995 and is the largest manufacturer of industrial sewing machines by volume. Its machines combine direct-drive motors, automatic functions and touch-panel control at a price that suits high-volume production.

Al Borj has been the regional JACK agent since 2022 and is the largest seller of JACK machines in the UAE and West Africa. This catalogue covers the JACK machines we supply in 2026-27, from lockstitch and overlock to automatic pocket and placket machines.

تأسست جاك في مقاطعة تشجيانغ في الصين عام 1995، وهي أكبر مصنع لمكينات الخياطة الصناعية من حيث الحجم. تجمع ماكيناتها بين المحركات المباشرة والوظائف الآلية والتحكم باللمس بسعر يناسب الإنتاج الكبير.

البرج للمكائن هي الوكيل الإقليمي لجاك منذ عام 2022، وأكبر بائع لمكينات جاك في الإمارات وغرب أفريقيا. يغطي هذا الكتالوج ماكينات جاك التي نوردها لعامي 2026 و2027.

2022

JACK agent since

1995

JACK founded in Zhejiang

5,000+

Factories supplied in the Middle East and Africa

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Offices: Sharjah, Accra, Nairobi



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No prices are shown. Ask us for a quotation with the model, sub-class and table or stand you need.

30 models in 6 categories, with maximum sewing speed

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Lockstitch · JACK

A6F-E

Computerized needle-feed single-needle lockstitch machine

ماكينة درزة مستقيمة محوسبة
بإبرة واحدة وتغذية بالإبرة



The A6F-E is a computerized single-needle lockstitch machine with needle feed: the needle and the feed dog move the fabric together, so layers do not slip, shift or wrinkle. Stepping motors set the stitch length in 0.1 mm steps and drive quiet reverse sewing. A 300 mm operating space suits large pieces such as down jackets, curtains and bed sheets, and the PK versions add an integrated rear puller.

Applications

Shirts, chiffon and yarn fabrics, zipper setting, down jackets, cotton-padded jackets, curtains, bed sheets and duvet covers; light and medium materials (A6F-E), heavy materials (A6F-EH)

Key features

المزايا

- **Needle and feed dog feeding**
The needle and the feed dog feed together, which prevents wrinkles and layer shift on slippery fabrics such as chiffon.
- **Stepping motor stitch length**
A stepping motor sets the stitch length to 0.1 mm, and the setting can be locked against accidental changes.
- **Quiet reverse sewing**
Reverse stitching is driven by a stepping motor at below 20 dB, and presser foot lifting is below 60 dB.
- **Thread tail under 3 mm**
After trimming the thread tail is less than 3 mm, and the thread is locked automatically so the seam does not open.
- **Sealed oil pan**
A sealed oil pan keeps dirt out and oil in, so the machine stays clean and can be moved without oil spills.
- **300 mm operating space**
The 300 mm space under the arm makes large pieces such as down jackets and duvet covers easy to handle.

Specifications

المواصفات

Model	A6F-E (light and medium materials)
Needle	DB x 1 #11 to #18
Number of threads	2
Max. stitch length	4.5 mm
Presser foot lifting height	5 to 13 mm
Max. sewing speed	4,000 sti/min
Feed	Needle feed with feed dog, stepping motor stitch length control in 0.1 mm steps
Operating space	300 mm
Lubrication	Sealed oil pan
Machine dimensions	690 x 295 x 550 mm
Weight (net / gross)	42.5 / 49.5 kg

Models in the series

الطرازات

A6F-E	DB x 1 #11 to #18, 4,000 sti/min, light and medium materials
A6F-EH	DP x 5 #18 to #21, 3,000 sti/min, heavy materials, 690 x 295 x 550 mm, 42.5 / 49.5 kg
A6F-E-PK	A6F-E with integrated rear puller, 710 x 345 x 570 mm, 46.5 / 53.5 kg
A6F-EH-PK	A6F-EH with integrated rear puller, 710 x 345 x 570 mm, 46.5 / 53.5 kg
A6F-E-Q / A6F-E-HQ / -Q-PK	2025 Chinese brochure only: Q electric control; A6F-E-Q oil-free head, 710 x 350 x 580 mm, 44 / 51 kg

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A5E-B (AMH2)

Computerized single-needle lockstitch machine with Smart Fabric Adaptive System

ماكينة درزة مستقيمة ذكية
بإبرة واحدة



The A5E-B is the lockstitch machine JACK sells under the name AMH2, the second generation of its A.M.H fabric adaptive system. An Octopus dual-core AI chip detects changes in fabric and seams, and the Vigorous Ape dual-drive motor adjusts needle penetration and feeding force, so different fabrics can be sewn without stopping to reset the machine. The head is oil-free to keep oil marks off the fabric.

Applications

Thin to medium-thick fabrics such as shirts, trousers and denim garments (A5E-B, A5E-B-N); thick materials with the A5E-B-H-7

Key features

المزايا

- Octopus dual-core AI chip**
The dual-core chip reads the fabric and seam and sets the sewing parameters automatically.
- Vigorous Ape dual-drive motor**
A direct dual-drive motor with 11.3 Nm peak torque gives fast response and strong needle penetration.
- Smart fabric adaptive system**
Penetration and feeding force follow the changes in fabric and seams, so different fabrics can be sewn without stopping to adjust the machine.
- Oil-free head**
The oil-free head design keeps the machine and the fabric clean.
- Strong penetration**
JACK shows the machine sewing 18 layers of denim and 100 layers of A4 paper plus 10 layers of copper.
- Presser foot height range**
The presser foot height range is 1 to 13 mm on all A5E-B models.

Specifications

المواصفات

Model	A5E-B
Needle	DB x 1 #11 to #18
Number of threads	2
Max. stitch length	5 mm
Presser foot height	1 to 13 mm
Max. sewing speed	5,000 sti/min
Materials	Thin and medium-thick materials
Motor	Vigorous Ape dual-drive motor, 11.3 Nm peak torque
Control	Octopus dual-core AI chip
Head lubrication	Oil-free head
Machine dimensions	690 x 295 x 550 mm
Weight (net / gross)	42.5 / 48.6 kg

Models in the series

الطرازات

A5E-B	DB x 1 #11 to #18, 5 mm stitch, 5,000 sti/min, thin and medium-thick materials
A5E-B-N	DB x 1 #11 to #18, 5 mm stitch, 5,000 sti/min, 43 / 49 kg
A5E-B-7	DB x 1 #11 to #18, 7 mm stitch, 3,500 sti/min, thin and medium-thick materials
A5E-B-H-7	DP x 5 #18 to #21, 7 mm stitch, 3,500 sti/min, thick materials

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A4C

Computerized single-needle lockstitch machine with NTB thread system

ماكينة درزة مستقيمة محوسبة
بإبرة واحدة



The A4C is a computerized single-needle lockstitch machine built around JACK's NTB system, sold with the line 'One Day One Threading'. An Octopus Nine-brain AI chip calculates the fabric feeding force, and the 0-degree thread path lowers thread tension, so thread take-up, thread catching and feeding work together and the thread breaks less often. Versions cover thin to medium-thick materials at 5,000 sti/min and thick materials with a 7 mm stitch.

Applications Thin and medium-thick materials (A4C-C, A4C-C-7); thick materials (A4C-CH-7, A4C-CHL-7)

Key features	المزايا
Octopus Nine-brain AI chip Calculates the right fabric feeding force from 200,000 fabric samples at 10,000 computations per second. 0-degree thread path The 0-degree thread path lowers thread tension, for precise thread handling and reliable thread catching. NTB system The chip and the thread path coordinate thread take-up, thread catching and fabric feeding at high speed. Fewer thread breaks The NTB system keeps thread breaks low, so the machine needs re-threading less often in a working day. Long-stitch and heavy versions The -7 versions sew 7 mm stitches at 3,500 sti/min, and the CH versions use DP x 5 needles for thick materials.	

Specifications	المواصفات
Model	A4C-C (thin and medium-thick materials)
Needle	DB x 1 #11 to #18
Number of threads	2
Max. stitch length	5 mm
Presser foot height	5 to 13 mm
Max. sewing speed	5,000 sti/min
Control	Octopus Nine-brain AI chip
Thread path	0-degree thread path technology
Machine dimensions	695 x 295 x 550 mm
Weight (net / gross)	36 / 42 kg

Models in the series	الطرازات
A4C-C	DB x 1 #11 to #18, 5 mm, 5,000 sti/min, thin and medium-thick materials
A4C-C-7	DB x 1 #11 to #18, 7 mm, 3,500 sti/min, thin and medium-thick materials
A4C-CH-7	DP x 5 #18 to #21, 7 mm, 3,500 sti/min, thick materials
A4C-CHL-7	DP x 5 #18 to #21, 7 mm, 3,500 sti/min, thick materials

Lockstitch • JACK

A2C

Single-needle lockstitch machine with FST cross-seam system

ماكينة درزة مستقيمة بإبرة
واحدة لعبور الدرزات السميكة



The A2C is a single-needle lockstitch machine with JACK's FST cross-seam system, sold with the line 'Full Speed over Cross Joint'. The Mighty Ape platform motor gives strong needle penetration and feeding force, so the machine crosses seams and sews thick parts without slowing down, and the Fortress electric control keeps it running steadily on unstable power. It comes in a 5 mm version for thin and medium-thick materials and a 7 mm DP x 5 version for thick materials.

Applications Thin and medium-thick materials (A2C-C); thick materials (A2C-CH-7); seams with cross joints

Key features

المزايا

- **FST cross-seam system**
Strong penetration and feeding force let the machine cross seams and sew thick materials without reducing speed.
- **Mighty Ape platform motor**
The motor gives 5.5 Nm torque, and JACK shows it piercing 100 layers of paper.
- **Fortress electric control**
Works on a wide voltage range of 110 to 295 V and withstands 12,000 V electrostatic discharge in air.
- **More cross-seam capacity**
The FST cross-seam system and Mighty Ape platform motor give the power to sew over cross seams and thick materials.
- **Wide presser foot range**
Presser foot height ranges from 1 to 13 mm on both versions.

Specifications

المواصفات

Model	A2C-C (thin and medium-thick materials)
Needle	DB x 1 #11 to #18
Number of threads	2
Max. stitch length	5 mm
Presser foot height	1 to 13 mm
Max. sewing speed	5,000 sti/min
Motor	Mighty Ape platform motor, 5.5 Nm torque
Voltage range	110 to 295 V (Fortress electric control)
Electrostatic resistance	12,000 V (air)
Machine dimensions	645 x 248 x 550 mm
Weight (net / gross)	30 / 36.5 kg

Models in the series

الطرازات

A2C-C	DB x 1 #11 to #18, 5 mm, 5,000 sti/min, thin and medium-thick materials
A2C-CH-7	DP x 5 #18 to #21, 7 mm, 3,500 sti/min, thick materials

Lockstitch · JACK

F6

Power-saving direct-drive single-needle lockstitch machine

ماكينة درزة مستقيمة بإبرة
واحدة بمحرك مباشر موفر
للطاقة



The F6 is JACK's power-saving direct-drive single-needle lockstitch machine. The Fortress electric control works on a wide voltage range and resists static, and a safety switch stops accidental operation after power-on. It sews up to 15 layers of denim, and a 7 mm DP x 5 version is available for thick materials.

Applications Thin and medium materials (F6); thick materials such as denim (F6-H-7, F6-HL-7)

Key features

المزايا

- **Fortress electric control**
Withstands 12,000 V electrostatic discharge and runs on 110 to 295 V (220 V version) or 50 to 145 V (110 V version).
- **Better thick-material handling**
Sews up to 15 layers of denim; a 7 mm DP x 5 version is available for thick materials.
- **Safety switch**
After the machine is switched on, an error is shown to prevent accidental operation from injuring the operator.
- **Easy lever**
A lighter lever that can be pressed with the elbow, leaving both hands free for the work.
- **Original machine check**
The serial number can be checked on JACK's anti-counterfeiting system; only original machines get the free warranty.

Specifications

المواصفات

Model	F6 (thin and medium materials)
Needle	DB x 1 #11 to #18
Number of threads	2
Max. stitch length	5 mm
Presser foot height	1 to 13 mm
Max. sewing speed	5,000 sti/min
Drive	Power-saving direct drive
Voltage range	110 to 295 V (220 V version), 50 to 145 V (110 V version)
Electrostatic resistance	12,000 V (air)
Machine dimensions	645 x 248 x 550 mm
Weight (net / gross)	30 / 36.5 kg

Models in the series

الطرازات

F6	DB x 1 #11 to #18, 5 mm, presser foot 1 to 13 mm, 5,000 sti/min, thin and medium materials
F6-H-7	DP x 5 #18 to #21, 7 mm, presser foot 5 to 13 mm, 3,500 sti/min, thick materials
F6-HL-7	DP x 5 #18 to #21, 7 mm, presser foot 5 to 13 mm, 3,500 sti/min, thick materials

Lockstitch • JACK

JK-5559F-W

Computerized single-needle lockstitch machine with edge cutter

ماكينة درزة مستقيمة محوسبة
بإبرة واحدة مع سكين قص
جاني



The JK-5559F-W is a computerized single-needle lockstitch machine with a side cutter that trims the fabric edge while it sews. Stepping motors control the stitch length, reverse stitching and presser foot lifting, which makes it accurate and quiet. The head runs without oil, lubricated with mineral grease, and trimmed waste falls away through a 26 mm opening to keep the table clean.

Applications

Seaming with edge trimming in one pass; fabrics of different thickness, with the presser foot height set from 0 to 9 mm

Key features

المزايا

- **Stepping motor stitch length**
Stitch length is set to 0.1 mm accuracy and can be locked to avoid uneven stitches from wrong settings.
- **Quiet stepper control**
Stepping motors drive reverse stitching and presser foot lifting silently for a quiet workplace.
- **Adjustable presser foot height**
Presser foot height adjusts from 0 to 9 mm to suit the fabric thickness.
- **No oil on the head**
The head is lubricated with mineral grease and has a bearing-type thread take-up lever, so no oil reaches the fabric.
- **26 mm waste opening**
Trimmed waste slides away through a 26 mm opening, keeping the sewing table clean.
- **Voice prompt**
Each button has a voice prompt, and when a fault occurs the machine announces a solution.

Specifications

المواصفات

Model	JK-5559F-W
Needle	DB x 1 #11 to #18
Number of threads	2
Max. stitch length	5 mm
Presser foot height	0 to 9 mm
Max. sewing speed	4,000 sti/min
Edge cutter gauge	1/8 (JK-5559F-W(1/4): 1/4)
Head lubrication	Without oil (mineral grease)
Control	Stepping motors for stitch length, reverse stitching and presser foot lifting
Machine dimensions	695 x 295 x 550 mm
Weight (net / gross)	40 / 46 kg

Models in the series

الطرازات

JK-5559F-W	Cutter gauge 1/8, without oil on the head
JK-5559F-W(1/4)	Cutter gauge 1/4, otherwise the same

Lockstitch • JACK

JK-58450J-A

Computerized two-needle lockstitch machine with split needle bar

ماكينة درزة مستقيمة محوسبة
بإبرتين مع عمود إبر منفصل



The JK-58450J-A is a computerized two-needle lockstitch machine with a split needle bar for corner seams. A straight-knife trimmer cuts both thin and thick thread, and software calculates the stitch length at corners for neat corner stitching. Electronic thread release with bobbin thread clamping gives clean seam starts, and automatic reverse stitching, thread trimming and presser foot lifting are standard.

Applications	Two-needle top-stitching and corner seams; -103 for thin and medium-thick materials, -105 for thick materials
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Key features

المزايا

- **Straight knife trimming**
A straight knife trims threads from fine 603 to thick 500D reliably.
- **Intelligent cornering**
Software calculates the stitch length at corners, so corner stitches look neater and sewing is faster.
- **Electronic thread release**
Electronic thread release with bobbin thread clamping gives a clean start to each seam.
- **Electronic thread clamp**
The thread is clamped at the start of the seam, so the first stitches look neater.
- **Built-in presser foot lifter**
The automatic presser foot lifter is built into the head for stable, comfortable operation.
- **Panel with one-key reset**
The panel adjusts the stitch length and restores settings with one key, and a USB port is on the head.

Specifications

المواصفات

Model	JK-58450J-A-103 (thin and medium-thick materials)
Needle	DP x 5 #11 to #16 (-105: #14 to #22)
Needle bar	Split needle bar for corner seams
Max. stitch length	5 mm
Presser foot height	7 to 13 mm
Max. sewing speed	3,000 sti/min
Automatic functions	Reverse stitching, thread trimming, presser foot lifting, thread clamping
Thread trimmer	Straight knife
Hook	Standard hook, imported as default (large hook on JK-58720J-A and JK-58750J-A)
Machine dimensions	720 x 310 x 660 mm
Weight (net / gross)	53 / 63 kg

Models in the series

الطرازات

JK-58450J-A-103	Corner seam (split needle bar), thin and medium-thick, DP x 5 #11 to #16, 5 mm
JK-58450J-A-105	Corner seam (split needle bar), thick materials, DP x 5 #14 to #22, 5 mm
JK-58420J-A-103 / -105	Straight seam (fixed needle bar), thin / thick, 5 mm
JK-58720J-A-103 / -105	Straight seam, large hook, 7 mm, thin / thick
JK-58750J-A-103 / -105	Corner seam, large hook, 7 mm, thin / thick

Heavy-duty · JACK

H7

Multi-fabric heavy-duty top and bottom feed (walking foot) lockstitch machine

ماكينة درزة مستقيمة للمواد
الثقيلة بتغذية علوية وسفلية
لمختلف الأقمشة



The H7 is a heavy-duty top and bottom feed (walking foot) machine made to sew both thin and thick materials. Flexible alternation, with a 1.3 to 5.5 mm alternating range and 10.5 Nm integrated torque, and low-resistance thread control give flat seams on thin fabrics and clean seams on thick materials. Versions are available for bags, gloves and IoT-connected lines.

Applications Thin and thick materials (H7-C), bags and suitcases (H7-CXB), gloves (H7-CST)

Key features

المزايا

- **Flexible Alternation Technology**
A 1.3 to 5.5 mm alternating range handles thin and thick fabrics with stable transmission.
- **10.5 Nm integrated torque**
High torque gives quick response and precise fabric feeding.
- **0 Resistance Thread Control**
Low-resistance thread passing and stable thread loops keep thread tension even.
- **Wrinkle-free, bead-free seams**
Thin fabrics sew flat without wrinkles, and thick materials sew without thread beads.
- **Bag, glove and IoT versions**
Versions for bags and gloves are available, and IoT-connected models link to line management systems.
- **IoT version**
The H7#-C version adds IoT connection for production data.

Specifications

المواصفات

Model	H7-C (multi-fabric)
Needle	DP x 17 #20 to #23
Number of threads	2
Max. stitch length	8 mm
Presser foot lifting height	7 to 15 mm
Max. sewing speed	2,500 sti/min
Feed	Top and bottom feed with alternating presser feet
Alternating range	1.3 to 5.5 mm
Integrated torque	10.5 Nm
Machine dimensions	715 x 310 x 570 mm
Weight (net / gross)	40.6 / 47.84 kg

Models in the series

الطرازات

H7-C	Multi-fabric, DP x 17 #20 to #23, 8 mm, presser foot 7 to 15 mm
H7-CXB	Bags and suitcases, DP x 17 #20 to #23, 8 mm
H7-CST	Gloves, DP x 5 #14 to #18, presser foot 5 to 15 mm
H7#-C	Multi-fabric with IoT, DP x 17 #20 to #23, 8 mm
H7-C-6 / H7-C-10	Chinese table only: women's bags (6 mm stitch, foot 6 to 13 mm) / 10 mm long stitch

Heavy-duty · JACK

H2-A

Direct-drive top and bottom feed (walking foot) lockstitch machine

ماكينة درزة مستقيمة للمواد
الثقيلة بتغذية علوية وسفلية
ومحرك مباشر



The H2-A is JACK's power-saving direct-drive top and bottom feed (walking foot) machine for heavy materials. A 750 W motor with synchronised top and bottom feeding sews up to 10 layers of leather, and the motor and control are built into the head. A scale on the alternating crank makes the walking-foot setting easy to repeat, and a 12 mm long-stitch version is available.

Applications Leather, canvas, denim and non-woven fabrics: bags, seat cushions, swivel chairs, floor mats, home textiles and hats; the 12 mm version for curtains, carpets and slippers

Key features

المزايا

- **Strong feeding and penetration**
Top and bottom feeding with a 750 W motor sews up to 10 layers of leather.
- **Direct-drive integration**
Motor and electric control are built into the head, plug and play, and save energy against a clutch motor.
- **Visible alternating setting**
A scale on the crank lets the operator set the alternating amount accurately for the material thickness.
- **Simple panel with stop key**
Pressing the stop key stops the machine, preventing accidental running while the power is on.
- **Sealed presser foot shaft**
The presser foot lifting shaft is sealed and lubricated with imported solid grease, so it gives no oil trouble.
- **12 mm long-stitch model**
The H2-A-CZ-12 sews stitches up to 12 mm for curtains, carpets, home textiles and slippers.

Specifications

المواصفات

Model	H2-A-CZ (normal materials)
Needle	DP x 17 #20 to #23
Number of threads	2
Max. stitch length	8 mm
Presser foot lifting height	7 to 16 mm
Max. sewing speed	2,200 sti/min
Feed	Top and bottom feed with alternating presser feet
Motor	750 W, direct drive
Panel functions	LED light, needle up/down, factory reset, stop key, auto-locked knob
Machine dimensions	720 x 280 x 570 mm
Weight (net / gross)	35 / 42 kg

Models in the series

الطرازات

H2-A-CZ	Normal materials, DP x 17 #20 to #23, 8 mm stitch
H2-A-CZ-12	Long stitch, DP x 17 #22, 12 mm stitch

Overlock · JACK

C7 Urus

AI overlock machine with full-speed cross-seam feeding

ماكينة أوفرلوك



The C7 Urus is JACK's overlock machine with an AI full-speed feeding system. It senses the position of fabric joints in real time and sets the balance between presser foot pressure and feeding force, so it can pass over thick, thin, elastic and hard joints at full speed. Versions run from 3-thread to 6-thread, including denim models.

Applications

Knitwear, T-shirts and general garments; cross seams and joints in thick, thin, elastic and hard fabrics; denim (M04/435 versions)

Key features

المزايا

- **AI full-speed feeding system**
Real-time sensing of fabric joints with AI calculation of the ratio between pressing force and feeding force.
- **Presser Foot Transformer**
32,000 multi-modal detections per second with 1 million data models change the presser foot pressure in real time.
- **Smart Rhino Feeding**
9.2 Nm torque gives precise feeding force at every degree of the 360 degree cycle.
- **Full speed over cross seams**
The machine passes joints of different fabrics without slowing down.
- **7,000 sti/min**
Maximum sewing speed is 7,000 sti/min, 6,000 sti/min on the denim versions.
- **High presser foot lift**
The 4-thread basic model has a 10 mm presser foot height.

Specifications

المواصفات

Model	C7-4-M03/333 (2-needle 4-thread, basic seam)
Needle size	#11
Needle gauge	2 mm
Stitch width	2 x 4 mm
Stitch length	0.8 to 4.6 mm
Differential ratio	0.7 to 2
Presser foot height	10 mm
Max. sewing speed	7,000 sti/min
Feeding torque	9.2 Nm (Smart Rhino Feeding)
Presser foot detection	32,000 times per second
Machine dimensions	525 x 360 x 510 mm
Weight (net / gross)	33 / 41 kg

Models in the series

الطرازات

C7-3-02/233	1-needle 3-thread, basic seam, #11, 6 mm foot height
C7-4-M03/333	2-needle 4-thread, basic seam, #11
C7-5-03/233	2-needle 5-thread, 5 x 5 stitch, #14
C7-5-03/333	2-needle 5-thread, 3 x 4 stitch, #14
C7-5-53/233	2-needle 5-thread, covered seam, #14
C7-5-M04/435	Denim, #19, 5 x 6 mm, 6,000 sti/min
C7-6-03/333	3-needle 6-thread, basic seam, #11
C7-6-M04/435	3-needle 6-thread for denim, #19, 6,000 sti/min

Overlock · JACK

C5T

High-speed computerized overlock machine with top and bottom differential feed

ماكينة أوفرلوك محوسبة عالية
السرعة بتغذية تفاضلية علوية
وسفلية



The C5T is a high-speed computerized overlock machine in the C5 series with integrated top and bottom differential feed, which stops the upper and lower layers shifting or twisting on long pieces. A 750 W motor and a new transmission give strong feeding over thick parts and cross seams, and the presser foot rises up to 7 mm on the heavy versions. A voice guide and one-key switching between fully automatic, semi-automatic and computerized modes keep it simple to run.

Applications

Long panels, down jackets, cotton-padded home wear, coral fleece and denim; 4-thread and 5-thread seams

Key features

المزايا

- **Top and bottom differential feed**
Upper and lower differential feeding stops layer shift and distortion on long pieces.
- **750 W motor**
A 750 W motor and new transmission sew 4 layers of coral fleece, and 6 layers over cross seams.
- **Higher presser foot lift**
Thick garments such as down jackets go under the foot easily (7 mm on the M04 and 5-A04 versions).
- **Voice guide**
The machine guides the operator by voice and helps solve common faults.
- **Three operating modes**
One key switches between fully automatic, semi-automatic and computerized modes.

Specifications

المواصفات

Model	C5T-4-M03/333 (2-needle 4-thread, plain seaming)
Needle	DC x 27 #11
Needle distance	2 mm
Stitch width	4 mm
Stitch length	Max. 4.6 mm
Differential ratio	0.7 to 2
Presser foot height	5.5 mm
Max. sewing speed	6,000 sti/min
Feed	Top and bottom differential feed
Motor	750 W
Machine dimensions	505 x 360 x 565 mm
Weight (net / gross)	29.2 / 39.8 kg

Models in the series

الطرازات

C5T-4-M03/333	2-needle 4-thread, plain seaming, DC x 27 #11
C5T-4-M04/435	2-needle 4-thread, extra heavy, #14, 7 mm stitch, foot 7 mm, differential 0.8 to 1.5
C5T-4-A04/435	2-needle 4-thread, denim, #14, 7 mm stitch, foot 6 mm (Chinese tables only)
C5T-5-03/233	2-needle 5-thread, 5 x 5 mm, #14
C5T-5-03/333 and /H	2-needle 5-thread, 3 x 4 mm, #14
C5T-5-A04/435	2-needle 5-thread, denim, DC x 27 #19, 6 mm width, foot 7 mm

Overlock · JACK

C60

Intelligent IoT computerized overlock machine

ماكينة أوفرلوك محوسبة ذكية متصلة بإنترنت الأشياء



The C60 is JACK's IoT overlock machine: it sends working data in real time, so the factory can update GST standard working hours and assess operator skills while the line runs. In auto mode it matches the fabric thickness and switches to the right sewing mode for three kinds of fabric. The 3- and 4-thread models have a 7 mm presser foot lift for easy feeding, and all models reach 6,500 sti/min.

Applications T-shirts, polo shirts and knitwear; 3-thread, 4-thread and 5-thread seams

Key features

المزايا

- **Real-time IoT data**
Updates GST standard working hours in real time and assesses each operator's skills for line balancing.
- **Automatic fabric matching**
Auto mode adjusts to the fabric thickness and switches to the matching sewing mode for 3 kinds of fabric.
- **7 mm feeding space**
Presser foot lift is 7 mm on 3- and 4-thread models, against 4.2 mm on other machines, so fabric does not scrape.
- **No oil trouble**
JACK describes the C60 as 'no oil, no worry, clean and durable'.
- **Three trimming options**
Side suction (KS), cross suction (KH) or pneumatic knife (AT) trimming.

Specifications

المواصفات

Model	C60+-4-M03/333/KS (2-needle 4-thread, side suction trimming)
Needle size	#10
Needles / threads	2 / 4
Needle distance	2 mm
Stitch width	2 x 4 mm
Stitch length	0.8 to 3.8 mm
Differential ratio	0.7 to 2
Presser foot lifting height	7 mm
Max. sewing speed	6,500 sti/min
Trimming	KS side suction, KH cross suction or AT pneumatic knife
Machine dimensions	515 x 360 x 610 mm
Weight (net / gross)	33 / 41 kg

Models in the series

الطرازات

C60+-3-02/233/KS	1-needle 3-thread, #10, 4 mm width, foot 7 mm, side suction
C60+-4-M03/333/KS	2-needle 4-thread, #10, 2 x 4 mm, foot 7 mm, side suction
C60+-4-M03/333/AT	2-needle 4-thread, #10, 2 x 4 mm, foot 7 mm, pneumatic knife
C60+-5-03/233/KH or /AT	2-needle 5-thread, #11, 5 x 5 mm, foot 5 mm, cross suction or pneumatic knife
C60+-5-03/333/KH or /AT	2-needle 5-thread, #11, 3 x 4 mm, foot 5 mm, cross suction or pneumatic knife

Overlock · JACK

C4

Computerized overlock machine with voice guide

ماكينة أوفرلوك



The C4 is a direct-drive computerized overlock machine with voice guidance. It works in three modes: fully automatic with sensors and no pedal, semi-automatic with automatic presser foot lifting and thread trimming, and manual. It reaches 7,000 sti/min and comes in 2-thread to 6-thread versions, including denim and wide-edge adjustable models.

Applications

T-shirts, polo shirts, knitwear and jeans; light to heavy fabrics (H/M and denim versions)

Key features

المزايا

- **Voice guide**
The machine announces faults by voice and tells the operator how to solve them.
- **Three operation modes**
Full intelligent mode works through sensors without the pedal, semi-intelligent mode adds automatic presser foot lifting and trimming, and manual mode follows the operator.
- **Automatic fabric sensing**
JACK's anti-blindness system and wear sensor recognise light changes and fabric changes without changing internal settings.
- **7,000 sti/min**
Maximum sewing speed is 7,000 sti/min on all versions in the official table.
- **Through-shaft drive**
One through shaft lowers machine torque for stable, light running.
- **One-key reset**
The operator can return to the user's own settings or to factory settings with one key.

Specifications

المواصفات

Model	C4-4-M03/333 (2-needle 4-thread, basic seam)
Needle	DC x 27 #11
Needle distance	2 mm
Stitch width	4 mm
Stitch length	4.6 mm
Differential ratio	0.7 to 2
Presser foot height	5.5 mm
Max. sewing speed	7,000 sti/min
Operation	Full intelligent, semi-intelligent and manual modes, voice guide
Machine dimensions	525 x 360 x 510 mm
Weight (net / gross)	33 / 41 kg
Options	X suction pipe trimmer, SD front and rear air suction device

Models in the series

الطرازات

C4-3-02/233	1-needle 3-thread, basic seam, DC x 27 #11
C4-4-M03/333	2-needle 4-thread, basic seam
C4-4-M03/333/H/M	2-needle 4-thread, thick fabric (H/M light and heavy)
C4-4-M03/333/AD	2-needle 4-thread, edge width adjustable 4 to 8 mm
C4-5-03/233	2-needle 5-thread, 5 x 5 stitch, #14
C4-5-03/333	2-needle 5-thread, 3 x 4 stitch, #14
C4-5-M04/435	2-needle 5-thread, denim and thick fabric, #19

Overlock · JACK

E4S

Direct-drive overlock machine with light / medium / heavy adjustment

ماكينة أوفرلوك



The E4S is a direct-drive overlock machine with a patented selector that switches between light, medium and heavy material modes without changing parts. It comes in 2-thread to 6-thread versions for plain seaming, back latching, tape attaching, rolled edges and denim. JACK lists a maximum speed of 5,500 sti/min.

Applications Mesh, knitwear, T-shirts, polo shirts and denim; light to heavy fabrics

Key features

المزايا

- **Light, medium, heavy selector**
A patented selector converts the machine between A type light material, M type medium material and H type heavy material.
- **Quick start and brake**
Short start and brake response times give accurate stops at the end of each seam.
- **Sealed needle bar**
A fully sealed suction oil-return device on the needle bar and a special oil seal on the feed bar stop oil leaking onto the fabric.
- **One main shaft design**
A single main shaft lowers machine torque for stable, faster and longer running.
- **One-key reset**
A keypad with one-key reset and speed adjustment, plus an interface for speed controller software upgrades.
- **LED light and handwheel**
Built-in intelligent LED light and a handwheel designed for large air flow.

Specifications

المواصفات

Model	E4S-4-M03/333 (2-needle 4-thread, plain seaming)
Needle size	#11
Needle distance	2 mm
Stitch width	4 mm
Stitch length	4.6 mm
Differential ratio	0.7 to 2
Presser foot lift	5.5 mm
Max. sewing speed	5,500 sti/min
Machine dimensions	525 x 360 x 510 mm
Weight (net / gross)	28 / 36 kg
Options	KS vertical or KH horizontal suction device (machine 525 x 360 x 630 mm, 28 / 39 kg)

Models in the series

الطرازات

E4S-3-02/233	1-needle 3-thread, plain seaming, 4 mm width
E4S-4-M03/333	2-needle 4-thread, plain seaming
E4S-4-M03/333/H/M	2-needle 4-thread, heavy duty (H/M: light and heavy)
E4S-5-03/233	2-needle 5-thread, 5 x 5 safety stitch, #14
E4S-5-03/333	2-needle 5-thread, 3 x 4 safety stitch, #14
E4S-5-M04/435	2-needle 5-thread for denim, #19, 6 mm width, 7 mm foot lift
E4S-6-03/333	3-needle 6-thread, plain seaming

Interlock and chainstitch · JACK

K7

Computerized cylinder-bed interlock machine with AI feeding system

ماكينة درزة تغطية (إنترلوك)
بسرير أسطواناني وتغذية ذكية



The K7 is a computerized cylinder-bed interlock machine with 3 needles and 5 threads and an AI full-speed feeding system. It senses changes in fabric thickness in real time and sets the presser foot pressure and feed force, so it keeps full speed over cross seams on thin, thick, elastic and slippery fabrics. It has stepper-motor thread trimming, a thread wiper and a maximum speed of 6,000 sti/min.

Applications

Knitted garments: basic covering seams and hemming with left cutter, on thin, thick, elastic and slippery fabrics

Key features

المزايا

- **AI full-speed feeding**
Senses fabric thickness in real time and sets presser foot pressure and feed force, so speed holds over cross seams.
- **Smart Rhino feeding**
The feed drive gives 9.2 Nm torque and controls the feed force at every 1 degree of the 360 degree cycle.
- **0 degree thread path**
The 0-degree thread path lowers thread resistance and keeps thread loops stable.
- **Stepper-motor thread trimming**
UT models trim with a stepper device, including the upper decorative thread, and have a thread wiper; UTL models trim pneumatically.
- **Smooth stitching on changes**
Stitching stays smooth and flat when the garment style or fabric changes.
- **Optional devices**
A rear puller (PL), automatic hem folding device (HG) and stitch condensing device (CS) can be added.

Specifications

المواصفات

Model	K7-UT-01GB (3-needle 5-thread, basic seam)
Needle size	#10
Needles / threads	3 / 5
Stitch length	1.5 to 4.5 mm
Needle gauge (stitch width)	5.6 / 6.4 mm
Differential ratio	0.6 to 1.8
Presser foot height	7.5 mm
Sewing speed	4,500 sti/min factory setting, max. 6,000 sti/min
Thread trimming	Stepper device, upper decorative thread trimmer and thread wiper
Machine dimensions	675 x 450 x 602 mm
Weight (net / gross)	51 / 61 kg
Options	PL rear puller, HG automatic hem folding, CS stitch condensing device

Models in the series

الطرازات

K7-UT-01GB	Basic seam, stepper trimming with upper thread trimmer and thread wiper
K7-UT2-01GB	Basic seam, without upper decorative thread trimmer
K7-UT-35AC	Hem folding with left cutter (English brochure: max. 5,000 sti/min)
K7-UT2-35AC	Hem folding with left cutter, without upper decorative thread trimmer
K7-UT2-33AC	With right cutter (Chinese brochure only)
K7-UTL-01GB / -35AC / -33AC	Pneumatic trimming versions (Chinese brochure only)

Interlock and chainstitch · JACK

K6-A

High-speed computerized cylinder-bed interlock machine

ماكينة درزة تغطية (إنترلوك)
بسرير أسطواناني عالية السرعة



The K6-A is a computerized cylinder-bed interlock machine with 3 needles, 5 threads and stepper-motor thread trimming. Its self-balancing body runs at a factory speed of 5,500 sti/min and up to 6,200 sti/min, with fast start and stop response. The diamond-shaped head lets the operator's hand work about 2 cm from the needle, so parts load and unload quickly.

Applications

T-shirts, polo shirts and other knitwear: plain seaming and hemming

Key features

المزايا

- **6,200 sti/min maximum speed**
A dynamically self-balanced body runs at 5,500 sti/min factory speed and up to 6,200 sti/min, with quick start and brake response.
- **Stepper-motor thread trimming**
Stepper-motor thread trimming is light, fast and stable, for a low trimming defect rate.
- **Diamond-shaped head**
The operator's hand is only 2 cm from the needle, for fast loading and accurate alignment at the end of the seam.
- **Adjustable thread amount**
A thread amount device controls loop size against skipped stitches, and ceramic thread guides keep stitches even.
- **Oil-free sewing**
A wear-resistant needle bar slider and a sealed high-density oil seal keep machine oil off the fabric.
- **Two-level presser foot lift**
Presser foot height adjusts in two levels, up to 9 mm, for thick seams.

Specifications

المواصفات

Model	K6-A-UT-01GB (3-needle 5-thread, plain seaming)
Needle size	#11 / #14
Needles / threads	3 / 5
Stitch length	1.5 to 4.5 mm
Needle gauge (stitch width)	5.6 / 6.4 mm
Differential ratio	0.6 to 1.8
Presser foot height	9 mm
Sewing speed	5,500 sti/min factory setting, max. 6,200 sti/min
Thread trimming	Stepper motor, upper thread trimmer and thread wiper
Machine dimensions	675 x 450 x 602 mm
Weight (net / gross)	48 / 58 kg

Models in the series

الطرازات

K6-A-UT-01GB	Plain seaming, with upper thread trimmer and thread wiper
K6-A-UT2-01GB	Plain seaming, thread wiper, without upper thread trimmer
K6-A-UT-35AC	Hemming with left cutter, max. 5,500 sti/min, 675 x 450 x 720 mm, 52 / 65 kg
K6-A-UT-01GB/PL-S2	With rear puller
K6-A-UT-01GB/CS	With stitch condensing device
K6-A-UT-01GB/HG	With automatic hem folding device

Interlock and chainstitch · JACK

K5E-UT

Computerized cylinder-bed interlock machine with stepper-motor thread trimmer

ماكينة درزة تغطية (إنترلوك)
بسرير أسطوانى مع قص خيط
آلى



The K5E is a computerized cylinder-bed interlock machine with 3 needles and 5 threads, and a stepper-motor system for thread trimming and presser foot lifting. The UT version trims the lower threads and the top cover thread and has a thread wiper. It sews from fine mesh to 8 layers of ordinary knit without adjustment, at up to 5,500 sti/min.

Applications

Knitwear: plain seaming, tape binding, covering stitch and bottom hemming, from fine mesh to 8 layers of ordinary knit

Key features

المزايا

- Stepper trimming and lifting**
Trimming and presser foot lifting are driven by a stepper motor with double the force, for precise, fast trimming.
- Lower noise**
The stepper-motor trimming system runs quietly, and the trimming parts last longer.
- Wide fabric range**
Sews from fine mesh to ordinary knit 8 layers thick without changing the settings, with even stitches.
- One-key reset**
The operator can return to their own saved settings or to the factory settings with one key.
- Optional devices**
A rear puller can be added, and the 35AC model sews bottom hems with a left cutter.

Specifications

المواصفات

Model	K5E-UT-01GB (3-needle 5-thread, plain seaming)
Needle	UY128GAS #11 to #14
Needles / threads	3 / 5
Stitch length	1.5 to 4.5 mm
Needle gauge (stitch width)	5.6 / 6.4 mm
Differential ratio	0.8 to 1.3
Presser foot height	7 mm
Max. sewing speed	5,500 sti/min
Thread trimming	Stepper motor; lower and top cover thread trimming, thread wiper
Machine dimensions	670 x 445 x 595 mm
Weight (net / gross)	52 / 62 kg

Models in the series

الطرازات

K5E-UT-01GB	Plain seaming
K5E-UT-02BB	Tape binding
K5E-UT-03GB	Covering stitch
K5E-UT-08AC	Bottom hemming
K5E-UT-35AC	Bottom hemming with left cutter, max. 5,000 sti/min, 670 x 445 x 720 mm, 53 / 65 kg
K5E-UT2 / UTL	UT2: thread wiper, no top cover thread trimmer; UTL: pneumatic trimming and presser foot lifting

Interlock and chainstitch · JACK

W4S

High-speed computerized flatbed interlock machine

ماكينة درزة تغطية (إنترلوك) بسرير مسطح محوسبة عالية السرعة



The W4S is a computerized flatbed interlock machine with 3 needles and 5 threads, and the successor of the W4. It has automatic upper and lower thread trimmers, a voice guide on the control panel, and a motor and control built into the machine with one power plug. With the right attachments one machine sews plain seams, tape binding, covering stitch and bottom hems at up to 5,500 sti/min.

Applications

Knitwear and underwear: plain seaming, tape binding, covering stitch and bottom hemming; from mesh to thick knits

Key features

المزايا

- **Upper and lower trimmers**
Automatic thread trimming above and below, with long-lasting, precise scissors.
- **Voice guide**
Each panel key has a voice reminder, and simple faults can be solved by following the voice guidance.
- **Several operations, one machine**
By adding attachments, the same machine sews plain seams, tape binding, cover seams and bottom hems.
- **Integrated design**
Motor and control are built into the machine and connected with only one plug.
- **Light to heavy fabrics**
A larger sewing range sews mesh through thick knits smoothly, without puckering.
- **Practical details**
Short-distance sewing bed, out-moved thread cam for fast positioning, elastic attaching device and controlled oiling.

Specifications

المواصفات

Model	W4S-UT-01GB (3-needle 5-thread, plain seaming)
Needle	UY128GAS #11 to #14
Needles / threads	3 / 5
Stitch length	1.5 to 4.5 mm
Needle gauge (stitch width)	5.6 / 6.4 mm
Differential ratio	0.65 to 1.3
Presser foot height	7 mm
Max. sewing speed	5,500 sti/min
Thread trimming	Automatic upper and lower thread trimmers (UT)
Machine dimensions	670 x 445 x 595 mm
Weight (net / gross)	54 / 64 kg

Models in the series

الطرازات

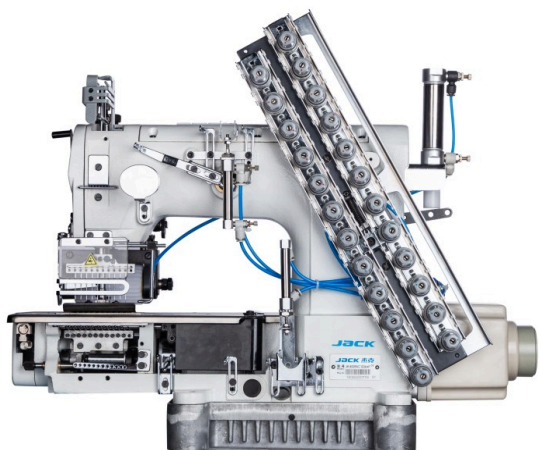
W4S-UT-01GB	Plain seaming
W4S-UT-02BB	Tape binding
W4S-UT-03DB	Covering stitch
W4S-UT-08AC	Bottom hemming
W4S-UT2-01GB / -02BB	Without upper thread trimmer (Chinese table; 02BB presser foot height 6 mm)
W4-D models	Direct-drive versions in the same Chinese table: -05CB lace attaching, -23GBL / -23BBL extra-large stitch, 2 needles

Interlock and chainstitch · JACK

JK-8009HF

Multi-needle chainstitch machine for waistbands

ماكينة غرزة سلسلة متعددة الإبر لأحزمة الخصر



The JK-8009 series are JACK's multi-needle chainstitch machines with 4 to 25 needles, for elastic attaching, tape attaching, shirt fronts and waistbands. We list the waistband version JK-8009HF-04064-254P: 4 needles and 8 threads in a 1/4 in, 1 in, 1/4 in needle layout, with a toothed rear puller, at up to 3,500 sti/min. The computerized VCDII/UTL models add pneumatic thread trimming and automatic presser foot lifting.

Applications

Jeans waistbands (JK-8009HF); elastic attaching, tape attaching and shirt fronts (VCD models)

Key features

المزايا

- **Waistband needle layout**
Four needles spaced 6.4, 25.4 and 6.4 mm sew all four waistband rows in one pass.
- **Toothed rear puller**
The P in the model code means a toothed rear puller is fitted; a smooth puller (PR) is also available.
- **Pneumatic thread trimming**
VCDII/UTL computerized models trim the threads automatically by air, with thread blowing.
- **Automatic presser foot lifting**
VCDII/UTL models lift the presser foot automatically, which saves the operator effort.
- **4 to 25 needles**
The series covers 4, 6, 8, 12, 13, 17, 23 and 25-needle models with needle gauges from 3.2 to 9.5 mm.
- **Optional devices**
Front elastic feeding (VWL), tape attaching (VPL), placket sewing (VSF) and elastic shirring (VPQ) devices.

Specifications

المواصفات

Model	JK-8009HF-04064-254P (waistband)
Needle	TV x 5 #19 to #21
Needles / threads	4 / 8
Needle gauge	6.4 - 25.4 - 6.4 mm (1/4 in - 1 in - 1/4 in)
Stitch length	1.7 to 4.0 mm
Presser foot height	8 mm
Max. sewing speed	3,500 sti/min
Rear puller	Toothed rear puller (P)
Machine dimensions	615 x 400 x 605 mm

Models in the series

الطرازات

JK-8009VCDII-04064P / 04080P / 04085P / 04095P/UTL	4 needles, 8 threads, gauge 6.4 / 7.9 / 8.7 / 9.5 mm, UO113 #14 to #16, computerized, pneumatic trimming
JK-8009VCDII-06048P to -06095P/UTL	6 needles, 12 threads, gauges 4.8 to 9.5 mm
JK-8009VCDII-08064P / -08085P/UTL	8 needles, 16 threads, gauge 6.4 / 8.7 mm
JK-8009VCDII-12064P/UTL and -13064-32P/UTL	12 needles (6.4 mm) and 13 needles (6.4 and 3.2 mm mixed)

Interlock and chainstitch · JACK

JK-8558G Series

Direct-drive flatbed chainstitch machine

ماكينة غرزة سلسلة بسرير
مسطح ومحرك مباشر



The JK-8558G is a direct-drive flatbed chainstitch machine with the motor and control built into the head. The standard model sews two parallel rows of chainstitch with TV x 7 needles at up to 4,000 sti/min; single-needle, front-and-back double-needle and 3-needle (JK-8560G) versions are also available. The head is semi-dry, so no oil reaches the fabric.

Applications

Straight seams on umbrellas and knitwear, side seams of trousers and suits, T-shirts, casual trousers and shirts, and jeans and workwear with thick cross seams; not for seams that need turning

Key features

المزايا

- **Direct drive, power saving**
The motor and control box are integrated in the head; JACK sells it as a power saving chainstitch machine.
- **Semi-dry head**
W models have no oil supply in the head and a needle bar of special material, for clean sewing.
- **Thick cross seams**
JACK recommends it for jeans, work trousers and work jackets, where the seam must pass thick cross seams.
- **Several needle layouts**
Parallel or front-and-back double needle, single needle, and slant or triangular 3-needle layouts (JK-8560G).
- **Optional lifter and puller**
An automatic presser foot lifter (T) is optional, and the JK-8560G can have a rear puller (PL).

Specifications

المواصفات

Model	JK-8558G-WZ (parallel double needle)
Needle	TV x 7 #14
Needles / threads	2 / 4
Needle gauge	1/4, 3/16, 1/8 or 3/8 in
Stitch length	1.4 to 4 mm
Presser foot height	4.5 mm (knee lifter 8 to 10 mm)
Max. sewing speed	4,000 sti/min
Materials	Light and medium-weight (A, M)
Lubrication	Semi-dry head (W)
Machine dimensions	675 x 275 x 595 mm
Weight (net / gross)	39 / 47 kg

Models in the series

الطرازات

JK-8558G-WTZ	Parallel double needle, with automatic presser foot lifter
JK-8558G-1WZ	Single needle, 2 threads
JK-8558G-2WZ	Front-and-back (vertical) double needle, gauge 3/16 in
JK-8560G-WZ	Slant 3-needle, 6 threads, gauge 1/8 in
JK-8560G-WZ-PL	Slant 3-needle with rear puller, TV x 7 #18, medium-weight
JK-8560G-PHWZ	Triangular 3-needle, TV x 7 #21, medium and heavy materials

Buttonhole, bartack and button · JACK

JK-T1790G Series

High-speed electronic lockstitch buttonholing machine

ماكينة عراوي إلكترونية



The JK-T1790G is JACK's high-speed computer-controlled lockstitch buttonhole machine. It sews straight buttonholes from 25 x 4 mm up to 120 x 5 mm at up to 4,200 sti/min, with versions for knitted and woven fabrics. Automatic presser foot lifting and automatic thread cutting are standard.

Applications

Shirts, polo shirts, blouses and knitwear; knitted and woven fabrics

Key features

المزايا

■ Two stitch types

The operator can switch quickly between two buttonhole stitch styles.

■ Good on knitted fabric

GS and GK versions are made for knitted and woven fabrics.

■ Bottom sewing, no deformation

Bottom sewing on knitted fabric gives buttonholes without pattern deformation.

■ Continuous sewing to 120 mm

Several buttonholes can be sewn in one cycle, and the JK-T1792 models sew buttonholes up to 120 mm long.

■ Automatic foot lift and trimming

Automatic presser foot lifting and automatic thread cutting are standard.

Models in the series

الطرازات

JK-T1790GS-1-D	25 x 4 mm buttonhole, DP x 5 #12
JK-T1790GS-2-D	35 x 5 mm buttonhole, DP x 5 #12
JK-T1790GS-3-D	41 x 5 mm buttonhole, DP x 5 #12
JK-T1791GS-D	70 x 5 mm buttonhole, DP x 5 #12
JK-T1792GS-D	120 x 5 mm buttonhole, DP x 5 #12
JK-T1790GK-1-D to -3-D	25 x 4 to 41 x 5 mm buttonhole, DP x 5 #11
JK-T1791GK-D / JK-T1792GK-D	70 x 5 / 120 x 5 mm buttonhole, DP x 5 #11

Specifications

المواصفات

Model	JK-T1790GS-1-D / JK-T1790GK-1-D
Buttonhole size	25 x 4 mm (-1); 35 x 5 mm (-2); 41 x 5 mm (-3); 70 x 5 mm (1791); 120 x 5 mm (1792)
Needle	DP x 5 #12 (GS); DP x 5 #11 (GK)
Number of needles	1
Number of threads	2
Cutting knife range	1/4" to 3/4" (-1) up to 1/4" to 1 1/4"
Parallel interspace	0.2 to 2.5 mm
Presser foot lifting height	17 mm
Max. sewing speed	4,200 sti/min
Standard functions	Automatic presser foot lifter, automatic thread cutting
Machine dimensions	880 x 390 x 635 mm
Weight (net / gross)	66 / 78 kg

Buttonhole, bartack and button · JACK

JK-T781G Series

Lockstitch straight buttonhole machine with automatic thread trimmer

ماكينة عراوي مستقيمة بغرزة
مقفلة وقص خيط آلي



The JK-T781G is a single-needle lockstitch machine for straight buttonholes, driven by a servo motor with the control built in. It trims the thread and lifts the presser foot automatically, has a dot-matrix display with a buttonhole counter, and sews at up to 3,600 sti/min. Models cover buttonholes up to 22 x 4 mm, 33 x 5 mm and 40 x 5 mm, and the JK-T781GK is set up for knitted fabrics.

Applications Shirts and other woven garments (JK-T781G, T782G, T783G); knitted fabrics (JK-T781GK)

Key features

المزايا

- **Integrated servo drive**
Servo motor drive with built-in control gives low vibration and low noise, and the machine is easy to install.
- **Automatic trimming and lifting**
Automatic thread trimming and presser foot lifting raise output and reduce operator effort.
- **Dot-matrix panel**
Shows patterns and parameters; the operator can set soft-start stitches and watch and adjust the running speed.
- **Automatic buttonhole counter**
The machine records the number of buttonholes sewn, for easy counting and checking.
- **Knit version JK-T781GK**
A knit presser foot, small needle plate and feed plate hold stretch fabrics down, with fewer thread breaks.

Specifications

المواصفات

Model	JK-T781G-Z (woven material)
Needle	DP x 5 #12
Needles / threads	1 / 2
Buttonhole size	22 x 4 mm
Knife (side cutter) size	1/4 to 3/4 in
Parallel interspace	0.2 to 2.5 mm
Max. sewing speed	3,600 sti/min
Automatic functions	Thread trimmer and presser foot lifter
Presser foot lift	12 mm
Machine dimensions	730 x 365 x 695 mm
Weight (net / gross)	46 / 66 kg

Models in the series

الطرازات

JK-T781G-Z	Woven material, buttonhole 22 x 4 mm, knife 1/4 to 3/4 in
JK-T782G-Z	Woven material, buttonhole 33 x 5 mm, knife 1/4 to 1 in
JK-T783G-Z	Woven material, buttonhole 40 x 5 mm, knife 1/4 to 1-1/4 in
JK-T781GK-Z	Knitted material, buttonhole 22 x 4 mm, DP x 5KN #11
JK-T781GX-Z	Short thread end (within 3 mm) for thin woven shirt fabric (2020.12 brochure)
-F13 versions	Bobbin thread detection, stops after the current buttonhole; needs an air supply (2020.12 brochure)

Buttonhole, bartack and button · JACK

JK-T9820G

Computer-controlled eyelet buttonhole machine

ماكينة عراوي عين إلكترونية



The JK-T9820G is JACK's computer-controlled eyelet (round-end) buttonhole machine, sold as the 'no skipping stitches' model. It sews eyelet buttonholes from 5 to 42 mm with a double-hook thread clamp and laser start positioning. Two versions are made: -01 with long thread trimming for suits and coats, and -02 with short thread trimming for jeans.

Applications

Suits, jackets, windbreakers, leather coats, jeans and trousers; thin to thick fabrics

Key features

المزايا

- **Double-hook thread clamping**
The thread is held after trimming, so the next seam starts without thread slipping or skipped stitches.
- **Laser start positioning**
A laser marks the start point, and there is no loose thread at the start of sewing.
- **PID-controlled feeding**
A high-precision motor with rigid Y feeding makes 64 position calculations per stitch for even, symmetrical stitches.
- **Large working space**
A 120 mm deep machine cavity and a 310 mm wide fabric platform make handling easier.
- **Automatic thread suction**
Thread ends are removed by suction, with no manual cleaning.
- **Short-thread jeans version**
The -02 version trims both threads short, leaving 3 to 8 mm.

Specifications

المواصفات

Model	JK-T9820G-01-D
Buttonhole length	5 to 42 mm
Sewing speed	1,000 to 2,500 rpm
Stitch pitch	0.5 to 2 mm
Zigzag width	1.5 to 5 mm
Taper bar length	0 to 20 mm
Remaining thread length	30 to 40 mm (-01); 3 to 8 mm (-02)
Needle	DO 558-NY2 #14 to #18
Presser foot height	12 mm or more
Main motor power	750 W
Air consumption	43.5 L/min
Weight (net / gross)	210 / 255 kg
Packing dimensions	1220 x 940 x 1430 mm

Models in the series

الطرازات

JK-T9820G-01-D	Long thread trim, 5 to 42 mm buttonholes, suits and coats
JK-T9820G-02-D	Short thread trim for jeans, 14 to 42 mm in 5 steps
-D/P, -D/T, F41	Keypad panel, touch panel, infrared positioning device

Buttonhole, bartack and button · JACK

JK-T1900G Series

High-speed computer-controlled bartacking machine

ماكينة تثبيت (بارتاك) إلكترونية



The JK-T1900G is JACK's high-speed computer-controlled bartack machine with a 40 x 30 mm sewing area. Versions cover light to medium fabric, heavy fabric, knitwear, caps, fishing net and socks, and the K versions change between bartacking and button attaching. Automatic presser foot lifter, thread trimmer and thread wiper are standard.

Applications

Jeans belt loops and pockets, trousers, jackets, bags and luggage webbing, shoes, underwear and bras (GM), caps (GY), fishing net (GN), socks (GL), elastic and small patterns (JK-T1906)

Key features

المزايا

- **Bartack and button in one**
On the K models (JK-T1900GSK / 1903GSK) the machine changes between bartacking and button attaching in about one minute.
- **Up to 3,200 sti/min**
The GS and GSK light and medium fabric models sew at up to 3,200 sti/min.
- **Heavy-duty sewing**
Heavy versions sew luggage backing and fishing net.
- **Clean thread ends**
Suction thread trimming and tacking of the thread end mean no manual trimming is needed, and the X version leaves a short thread end.
- **Simple operation panel**
A touch screen or dot screen panel shows parameters and patterns, so operators do not need to memorise them.
- **Automatic lifter, trimmer, wiper**
Automatic presser foot lifter, automatic thread trimmer and automatic wiper are standard.

Specifications

المواصفات

Model	JK-T1900GS (light and medium fabric)
Needle	DP x 5 #16
Number of needles	1
Number of threads	2
Sewing area (X x Y)	40 x 30 mm
Presser foot lifting height	13 mm
Max. sewing speed	3,200 sti/min
Standard functions	Auto presser foot lifter, auto trimmer, auto wiper
Operation panel	Touch screen or dot screen
Machine dimensions	805 x 405 x 525 mm
Weight (net / gross)	55 / 64 kg

Models in the series

الطرازات

JK-T1900GS / GSK	Light and medium fabric, DP x 5 #16, 3,200 sti/min (K: bartack and button convertible)
JK-T1900GH / GHK	Heavy fabric, DP x 17 #19, 2,700 sti/min
JK-T1900GSXK	Short thread remaining, DP x 5 #16, 3,200 sti/min
JK-T1900GM / GMK	Knitted fabric, DP x 5 #11, 2,700 sti/min
JK-T1900GY	Cap hole, DP x 5 #16, 2,700 sti/min
JK-T1900GN	Fishing net, DP x 17 #19, 2,300 sti/min
JK-T1900GL	Socks, DP x 17 #14, 40 x 35 mm, 2,000 sti/min

Buttonhole, bartack and button · JACK

JK-T1903 Series

High-speed computer-controlled button sewing machine

ماكينة تركيب أزرار إلكترونية



The JK-T1903 series is JACK's computer-controlled button attaching machine, built on the JK-T1900G platform. The JK-T1903GS sews flat buttons of 8 to 30 mm at up to 2,700 sti/min, and the GSK version can be changed to bartacking. The JK-T1903GR adds an automatic button feeder that recognises the front and back of the button and places it without the operator.

Applications

Shirts, coats and work clothes; thin to medium-thick materials

Key features

المزايا

- **Automatic button feeder (GR)**
The GR feeder recognises the front and back of each button and feeds it to the clamp automatically.
- **One-key button change**
On the GR, pressing 'One Key Button Change' on the screen adjusts the width and height of the feed track for a new button size.
- **Repair and reset keys**
Defective or flying buttons are replaced with the repair key, and the reset key returns the machine to standby after an alarm.
- **Bartack and button in one**
The JK-T1903GSK changes between button attaching and bartacking.
- **Automatic lifter, trimmer, wiper**
Automatic presser foot lifter, automatic thread trimmer and automatic wiper are standard.
- **Simple operation panel**
The panel shows parameters and button patterns, so operators do not need to memorise them.

Specifications

المواصفات

Model	JK-T1903GS (basic) / JK-T1903GR (automatic button feeding)
Needle	DP x 17 #14
Number of needles	1
Number of threads	2
Button diameter	Φ8 to Φ30 mm (GS, GSK); Φ8 to Φ25 mm (GR)
Button hole spacing	X 2.4 to 6.8 mm, Y 2.4 to 6.8 mm
Presser foot lifting height	10 mm (GS, GSK); 13 mm (GR)
Max. sewing speed	2,700 sti/min
Standard functions	Auto presser foot lifter, auto trimmer, auto wiper
Machine dimensions	805 x 405 x 525 mm (GS); 1020 x 870 x 1390 mm (GR)
Weight (net / gross)	55 / 64 kg (GS); 131 / 177 kg (GR)

Models in the series

الطرازات

JK-T1903GS	Button attaching machine, Φ8 to Φ30 mm buttons, 55 / 64 kg
JK-T1903GSK	Basic model, button attaching and bartacking convertible
JK-T1903GR	With automatic button feeding device, 131 / 177 kg

Buttonhole, bartack and button · JACK

JK-T1377GK / JK-T1377E

Button sewing machine for flat and shank buttons

ماكينة تركيب أزرار مسطحة
وأزرار بساق



The JK-T1377GK is a direct-drive, single-needle button sewing machine that sews both flat buttons and shank buttons. The hooks and button clamp seat are shared, so an operator can change between the flat and shank button devices in about 15 minutes. It has automatic thread trimming, motor-driven presser foot lifting and three stitch patterns, at up to 1,500 sti/min. The JK-T1377E in our earlier brochure is the previous flat-button model.

Applications	Flat buttons 10 to 28 mm and shank buttons 10 to 22 mm
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Key features

المزايا

- **Flat and shank buttons**
Upper and lower hooks and the button clamp seat are common, so changing between flat and shank devices takes about 15 minutes.
- **Motor presser foot lifting**
A closed-loop motor lifts the presser, quieter, faster and longer-lasting than a solenoid.
- **Three patterns, one key**
Pattern and number of stitches change with one key; a long press on the stitch key sets any stitch count.
- **Production counter**
A counter function, set by parameter, helps calculate output and piece-rate wages.
- **Automatic functions standard**
Automatic thread trimming, automatic presser foot lifting and integrated direct drive come as standard.

Specifications

المواصفات

Model	JK-T1377GK (flat button set-up)
Needle	TQ x 7 #16
Needles / threads	1 / 1
Button diameter	10 to 28 mm (shank buttons: 10 to 22 mm)
Hole spacing	X 2.5 to 4.5 mm, Y 0 or 2.5 to 4.5 mm (shank buttons: Y 0)
Presser foot height	10 mm
Max. sewing speed	1,500 sti/min
Standard functions	Automatic thread trimmer, automatic presser foot lifter, direct drive
Machine dimensions	630 x 470 x 440 mm
Weight (net / gross)	30 / 40 kg

Models in the series

الطرازات

JK-T1377GK (flat)	Flat buttons 10 to 28 mm, TQ x 7 #16
JK-T1377GK (shank)	Shank buttons 10 to 22 mm, hole spacing X 2.5 to 4.5 mm, Y 0
JK-T1377G	Flat buttons only, 10 to 28 mm, TQ x 1 #16
JK-T1377E	Earlier integrated computerized model (2016 brochure): TQ x 1 or TQ x 7 #16 (#14 to #18), hole spacing up to 6.5 mm, presser foot 9 mm, 35 / 45 kg

Automatic and special · JACK

M9-A

Computerized template sewing machine with anti-thread-breakage system

ماكينة خياطة بالقوالب مبرمجة مقاومة لانقطاع الخيط



The M9-A is a computer-controlled template sewing machine with a 1,400 x 950 mm sewing area for quilting and pattern sewing. Its Spider Thread Control 2.0 system controls the thread motion so that fine needles can sew thick thread with fewer breaks, and JACK says the operator needs to thread it only once a day. It is the successor of the M9 and comes with a dry head and high-precision double screws as standard.

Applications Quilting and template pattern sewing, including down-filled garments

Key features

المزايا

- **Spider Thread Control 2.0**
Controls thread motion precisely, for fewer thread breaks with fine needles and thick thread.
- **Full-ceramic thread channels**
Ceramic thread guides throughout are hard-wearing and reduce wear on the needle thread.
- **Synchronization 2.0**
Take-up, hook, needle, feed and middle presser foot move in close synchronization for accurate stitching.
- **Down-proof, flat stitching**
Stitching is flat and down-proof, for down jackets and quilted garments.
- **Dry head, double screws**
The dry head stops oil leakage, and high-precision double screws feed without lint leakage.
- **Safety and template saving**
8.5 cm safety distance, and templates need about 2 cm less material.

Specifications

المواصفات

Model	M9-A-SS-F13-X
Needle	DP x 5, DP x 17
Needles / threads	1 / 2
Sewing area	1,400 x 950 mm
Middle presser foot height	15 mm
Stitch length	0.05 to 20 mm
Max. sewing speed	3,800 sti/min
Standard	Dry head, high-precision double screws
Machine dimensions	2,200 x 1,220 x 1,650 mm
Weight (net / gross)	610 / 690 kg
Options	F11B laser cutting device (120 W), F16 pointing device, F17 laser purifying device

Models in the series

الطرازات

M9-A-SS-F13-X	Standard model, 610 / 690 kg
M9-A-SS-F11BF13-X	With F11B laser cutting device (120 W), 672 / 752 kg
M9 (previous model)	2023 brochure: Spider thread control (first generation), 3,600 sti/min, 700 / 784 kg

Automatic and special · JACK

JK-T5878-58G

Automatic placket setting machine

ماكينة أوتوماتيكية لخياطة
البلاكيث (فتحة الأزرار الأمامية)



The JK-T5878-58G is an automatic placket setting machine with a single-needle lockstitch head, pneumatic fabric feeding and a touch panel. It sews neckline plackets for men's and women's garments, such as V plackets, open plackets and hidden plackets, with laser positioning and an automatic stacker.

Applications Polo shirts and knit tops: neckline plackets for men and women, V plackets, open plackets and hidden plackets

Key features

المزايا

- **Several placket styles**
Sews men's and women's neckline plackets, V plackets, open plackets and hidden plackets.
- **Touch panel with icons**
A large touch panel shows an icon for each parameter; a USB port stores patterns and updates programs.
- **Movable sewing head**
The sewing distance can be adjusted freely as required, for more comfortable operation.
- **Laser positioning**
Cross laser lights on the work table and preparation stations show where to place the parts.
- **Thread break stop**
A thread breakage sensor stops the machine at once, so the fabric is not damaged.
- **Pneumatic feeding and stacker**
Pneumatic feeding holds the fabric from all sides, and an automatic collection device folds finished pieces.

Specifications

المواصفات

Model	JK-T5878-58G
Needle	DB x 1 #11 to #14 (standard #11)
Needles / threads	1 / 2
Needle distance	1 to 50 mm
Sewing length	15 to 260 mm
Max. sewing speed	4,000 sti/min
Control	Touch panel, USB port
Positioning	Cross laser lights
Machine dimensions	2,050 x 1,050 x 1,580 mm
Weight (net / gross)	258 / 350 kg

Models in the series

الطرازات

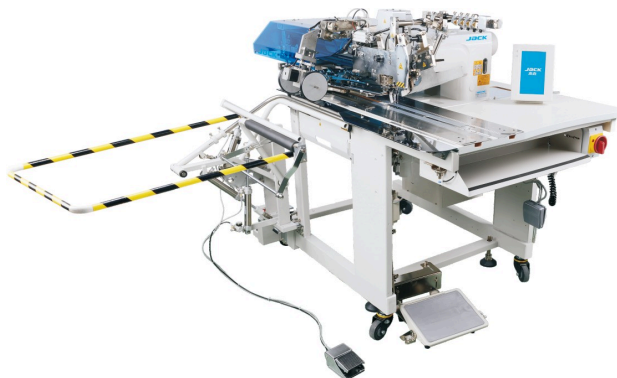
JK-T5878-58G	Current model
JK-T5878-58B	Earlier model (2016 brochure): sewing length 10 to 280 mm, 1,100 x 2,100 x 1,600 mm, 200 / 300 kg

Automatic and special · JACK

JK-T5878-68B / 78B

Automatic pocket welting machine

ماكينة أوتوماتيكية لفتح
الجيوب المشقوقة



The JK-T5878-68B is an automatic pocket welting machine with a 2-needle lockstitch head and a corner knife. It sews single welt pockets, double welt pockets and double welt pockets with flap, 18 to 220 mm long, with a needle gauge of 8 to 20 mm, at up to 3,000 sti/min. The JK-T5878-78B is the version for slant pockets.

Applications Trousers, jeans, jackets and coats: single welt, double welt and flap pockets; straight pockets (68B) and slant pockets (78B)

Key features

المزايا

- **Several pocket types**
Sews single welt, double welt and double welt pockets with flap.
- **Touch screen and USB**
A large touch screen for simple operation; USB port for programs and patterns, SD card for video playback.
- **Drawer-type corner knife**
The corner knife slides out like a drawer and is adjusted directly, for accurate cutting that protects the fabric.
- **Bobbin thread detection**
A sensor watches the remaining bobbin thread and warns the operator in time to change it.
- **Stable feeding**
Sandwich-type clamps hold the fabric in the middle layer, so the layers do not shift.
- **Thread break stop and stacker**
A thread breakage sensor stops the machine at once, and an automatic collection device folds finished pieces.

Specifications

المواصفات

Model	JK-T5878-68B (straight pocket)
Needle	MT x 190 #14 to #18
Needles	2
Needle gauge	8 to 20 mm
Pocket length	18 to 220 mm
Max. sewing speed	3,000 sti/min
Control	Touch screen, USB port, SD card
Sensors	Bobbin thread detection, thread breakage stop
Machine dimensions	1,600 x 1,100 x 1,500 mm
Weight (net / gross)	240 / 350 kg

Models in the series

الطرازات

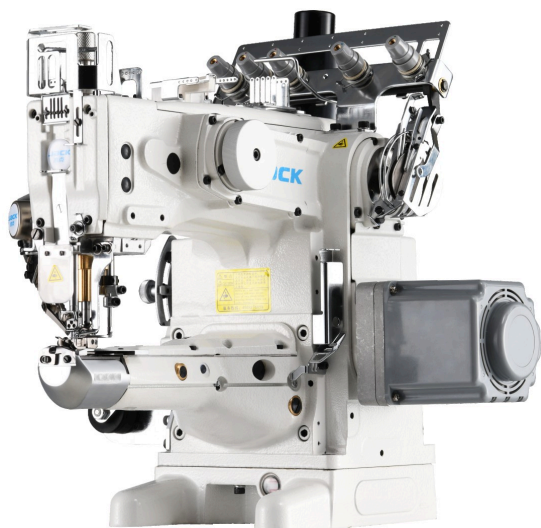
JK-T5878-68B	Straight pocket, MT x 190 #14 to #18
JK-T5878-78B	Slant pocket, DP x 17 #14 to #18
JK-T5878-68 / -78	Earlier models (2016 brochure): standard needle #16, 1,200 x 1,600 x 1,500 mm, 240 / 350 kg

Automatic and special · JACK

JK-1500C-UT

Straight-cylinder high-speed computerized interlock machine

ماكينة درزة تغطية (إنترلوك)
محوسبة بذراع أسطوانية
مستقيمة



The JK-1500C-UT is a computerized interlock machine with a long straight cylinder arm, which JACK calls the straight cylinder type. The standard arm is 280 mm long and the L type is 380 mm, giving room for sleeves, necklines and other tubular parts. It trims the thread and lifts the presser foot automatically, has an 8 mm presser foot lift and sews at up to 3,800 sti/min.

Applications

Sleeves, cuffs, necklines and other tubular parts: bottom hemming, strip attaching, joining seams and sewing over cross seams, from very light stockings to sports trousers

Key features

المزايا

- **Long straight cylinder**
The standard arm is 280 mm; the L (super long) type reaches 380 mm for sleeves and necklines.
- **Auto trimmer and presser lift**
Thread is trimmed and the presser foot lifts automatically after each seam.
- **8 mm presser foot lift**
Even stitches from very thin stockings to the cross seams of sports trousers.
- **Several operations, one machine**
Sews cross seams, strip attaching, bottom hems and joining seams on the same machine.
- **Electric or pneumatic trimming**
UT models trim electrically and have a wiper for the top decorative threads; UTL models trim pneumatically.

Specifications

المواصفات

Model	JK-1500C-156M-UT (normal arm, computerized)
Needle size	#11
Needles / threads	3 / 5
Stitch length	1.2 to 4.5 mm
Differential ratio	1:0.7 to 1:1.8
Presser foot height	8 mm
Needle bar stroke	31.5 mm
Max. sewing speed	3,800 sti/min
Cylinder length	280 mm (L type: 380 mm)
Machine dimensions	635 x 535 x 585 mm
Weight (net / gross)	52.5 / 62.8 kg

Models in the series

الطرازات

JK-1500C-156M-UT	Normal arm, automatic trimmer and top thread wiper
JK-1500C-156M-UT2	Normal arm, computerized, without upper thread trimming, 52.3 / 62.5 kg
JK-1500C-156M-UTL	Normal arm, pneumatic trimmer and top thread wiper, 48.8 / 59 kg
JK-1500C-460M-UT	4 needles, 6 threads, automatic trimmer
JK-1500C-156M-D / -164M-D, JK-1502C-164M-D	Direct drive, no automatic trimmer, 48 / 56 kg
JK-1500C-156L-UT / -UT2 / -UTL / -D	Super long straight cylinder (380 mm), 685 x 510 x 650 mm, UT: 55 / 65.3 kg

Al Borj Machinery LLC · Sharjah, Accra, Nairobi

Service and support

الخدمة والدعم

Buying the machine is the start. Our own technicians install it, train the people who run it, and keep it running with genuine JACK parts.

01 Machine selection

Send us your products, fabrics and target output. We recommend the JACK models, sub-classes and attachments before you buy.

02 Installation and commissioning

Our technicians set up each machine on its table, adjust it for your fabric and thread, and test-sew before handover.

03 Operator and mechanic training

Hands-on training on the panel functions for operators, and on daily care, timing and adjustment for your mechanics.

04 Warranty

Every machine carries JACK's warranty, handled by our own service team.

05 Maintenance contracts

Service visits, repairs and annual maintenance contracts for single machines or complete lines.

06 Genuine parts, needles and thread

Genuine JACK parts and attachments from stock in Sharjah, with Organ needles and Amann thread.



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