



CS-8750L

Single Needle, Cylinder-Bed Sewing Machine, With Unison Feed. (Lengthened slender cylinder-bed)

Model No. CS-8750L		S.P.M. 1,700
Max. Stitch Length 5mm	Lift Of Presser Foot (Knee) 10mm	
Needle System DP X 17 #18 (#16~#20)	Needle Bar Stroke 34mm	
Cylinder Length 280mm		

Apply with lengthened slender cylinder-bed to increase the range of usage and enables easy and unhindered movement of bulky or tubular work piece.

The special design of cylinder-bed side is suitable for the application of the out sole to the shoe-upper with a single continuous stitch and also suitable for stitching other tubular goods.

- With unison feed owns good feeding characteristics, even on materials with rough, slippery or tacky surfaces, accurate and uniform stitch.
- The width of cylinder-bed side is 47 mm, the height of cylinder-bed side is 57 mm which enables easy and unhindered movement of bulky or tubular work piece.
- Practically noiseless running because bevel gears are enclosed in grease-packed cases.



CS-335BH

Single Needle, Cylinder-Bed Sewing Machine, With Unison Feed. (Horizontal movement of drop feed) (For binding stitching)

Model No. CS-335BH		S.P.M. 2,500
Max. Stitch Length 5.5mm	Lift Of Presser Foot (Knee) 10mm	
Needle System DP X 17 #16 (#14~#18)	Needle Bar Stroke 34mm	
Alternating Movement 2~6mm		

With unison feed owns good feeding characteristics, even on materials with rough, slippery or tacky surfaces, accurate and uniform stitch.

Practically noiseless running because bevel gears are enclosed in grease-packed cases.

- Diameter of cylinder-bed is 46 mm, which enables easy and unhindered movement of bulky or tubular work piece.
- Easy infinite stitch length regulation.
- Suitable for stitching (taping or piping or binding) for medium and heavy materials. (For example: bags, shoes, purses and other tubular goods).
- Binder feeding together with unison feed.

CS-8242

Single Needle, Cylinder-Bed Sewing Machine, With Unison Feed. (Standard hook).

CS-8244L

Double Needle, Cylinder-Bed Sewing Machine, With Unison Feed. (Large hook).

- Applied with large hook. Increase the sewing efficiency, and get a perfect seam.

**CS-441**

Single Needle, Cylinder-Bed Sewing Machine With Unison Feed. (For extra heavy-weight materials)

Model No. CS-441		S.P.M. 800
Max. Stitch Length 11mm	Lift Of Presser Foot (Knee) 20mm	
Needle System DY×3#26 (#23~#28)	Needle Bar Stroke 56mm	
Dia. Of Cylinder-Bed 81mm		
Alternating Movement 4~8mm		

Powerful unison feed mechanism, the machine can sew accurately and easily several sheets of heavy-weight materials piled up together.

The sewing area is up to 420 mm, suitable for stitching the huge articles.

- The lift of presser foot is up to 20 mm, suitable for stitching the extra heavy-weight materials.
- Applied the semi-rotary large shuttle & bobbin, could reduce the frequency of changing the bobbin thread, and increase the sewing efficiency.
- Suitable for stitching all the extra heavy-weight materials, such as the handle of bags, gloves, safety belts, tents, seatings, shoes, bags,.....etc..



CS-810

Single Needle, Postbed Sewing Machine.



Model No. CS-810		S.P.M. 3,000
Max.Stitch Length 5mm	Lift Of Presser Foot (Knee) 11mm	
Needle System DP×5#16 (#14~#18)	Needle Bar Stroke 36mm	

Changed the roller presser foot accessories into the flat presser foot accessories, could stitch the cap and wig.

CS-810C(FOR WIG), CS-810E(FOR CAP)

- Easy guiding of work when sewing on closed shoe uppers, e.g. children's, because the post is arranged to the right of the needle.
- Excellent sewing effects and first class quality thank to vertical rotating hook and link take-up lever.
- Suitable for sports shoes, lady shoes, jackboots, bags, caps, wigs,.....etc..



CS-820

Double Needle, Postbed Sewing Machine.



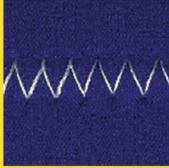
Model No. CS-820		S.P.M. 3,000
Max.Stitch Length 4mm	Lift Of Presser Foot (Knee) 11mm	
Needle System DP×5#16 (#14~#18)	Needle Bar Stroke 36mm	

Excellent sewing effects and first class quality thank to vertical rotating hook and link take-up lever.

- Lockstitch with drop feed can promise a smooth sewing quality on either thin or thick materials.
- Standard needle gauge: 1.6mm or 2.0mm or 2.4mm.
- Suitable for sports shoes, lady shoes, jackboots, bags,.....etc..



CS-2160



Model CS-2160	S.P.M. 2,500
Max. Stitch Length 5mm	Lifting Of Presser Foot (Knee) 10mm
Needle Bar Stroke 34mm	Needle System DP×17
Width Of Zigzag 9mm	

Single Needle, Lockstitch, Top & Bottom Feed, (2-point <1-step>) zigzag Sewing Machine. (Large Hook).

Walking foot and feed dog make uniform and beautiful stitches to be obtained.

- Open type of top cover simplifies the maintenance.
- Applied the newly improved device, so increased the function & durability, and simplified the maintenance.
- Suitable for stitching medium to heavy weight materials that are difficult to feed when sewn, such as: diving suits, shoes, boot, leather, goods, tarpaulins,etc.



CS-2161



Model CS-2161	S.P.M. 2,500
Max. Stitch Length 5mm	Lifting Of Presser Foot (Knee) 10mm
Needle Bar Stroke 34mm	Needle System DP×17
Width Of Zigzag 9mm	

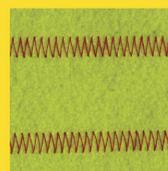
Single Needle, Lockstitch, Top & Bottom Feed, (3-point <2-step>) zigzag Sewing Machine. (Large Hook).

Walking foot and feed dog make uniform and beautiful stitches to be obtained.

- Open type of top cover simplifies the maintenance.
- Applied the newly improved device, so increased the function & durability, and simplified the maintenance.
- Suitable for stitching medium to heavy weight materials that are difficult to feed when sewn, such as: diving suits, shoes, boot, leather, goods, tarpaulins,etc.
- Especially desirable where reinforced stitching is necessary for boat and truck cover, tents, awnings, sails, parachutes,etc.



CS-2180



Model CS-2180	S.P.M. 2,000
Width Of Zigzag (Standard/max.) 8mm/12mm	Max. Stitch Length 5mm
Needle Bar Stroke 34.8mm	Thickness Of The Sewn Products Light~Medium
Needle System DP×5	

Single Needle,
Lockstitch, Zigzag
Sewing Machine.

Zigzag or straight stitching or embroidery, easily to be converted.

The width of zigzag is adjustable by means of a knee operated bight control for embroidery, and a control knob for zigzag stitching.

- Equipped with the needle position control device, easily to be adjusted by means of knob.
- Open type of top cover simplifies the maintenance.



CSZ-3211



Model CSZ-3211	S.P.M. 3,500
Width Of Zigzag 6mm	Max. Stitch Length 4mm
Needle Bar Stroke 32mm	Hook system Large Hook
Needle System DP×5 #14	

High Speed, Single Needle,
Lock-Stitch, Zigzag Sewing
Machine.(Large Hook)

Applied with large hook will increase the sewing efficiency.

Sturdy durability & prevents soiling.

Large hook with automatic oil lubrication system, could lubricate mechanism very well.

- Open type of top cover simplifies the maintenance.
- Usage for: zigzag stitching for light materials. (Suitable for: Lace, elastic and shirt type sewing; hemming and darning; three fold hemming on scarves and handkerchiefs;.....etc..)



特點 SPECIAL FEATURES

優良的設計，實現了最佳平衡與高硬度的機頭結構，可以降低使用時之震動與噪音，而提供給操作者最舒適的操作環境。
The best design technology created the optimum balance and highly rigid machine head, could reduce the vibration and noise. The machine could provide the operator with a comfortable work environment.

特點 SPECIAL FEATURES

採用全自動給油潤滑系統，運轉時平順無噪音，易于保養，且可提高機械使用的耐久性。
Automatic lubricating system, smooth and quiet running, easy maintenance. And increase the durability of machine.

CS-5100HLN-2T

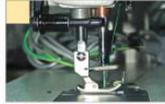
採用最新的縫紉機構，實現了低強力的縫制特性，可以靈活對應多樣化的車縫物料，而達到優美穩定的高縫制品質。不論在高速或低速操作，皆可獲致極佳的縫制效果。
Applied with the newly designed sewing mechanisms in order to achieve the low-tension sewing, the machine flexibly responds to various kinds of materials and produces beautiful seams of consistent quality. No matter in high-speed or low-speed operation, the machine could obtain the best stitches.

-  可縫制服裝
Suitable For Garments
-  可縫制西褲
Suitable For Trousers
-  可縫制西裝
Suitable For Business Suit

CS-5100 - HL N - BT GOLDEN WHEEL

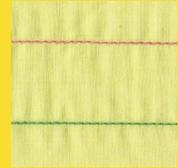
<p>機型 Model: 高速單針本縫平車 (頭部&質欣牌伺服馬達 &操作盒) Single Needle, Lockstitch, Flatbed Sewing Machine. (Head & "Ho-hsing" servo Motor & Operation Box)</p>	<p>代碼說明 Code Description: H: 厚料 Heavy L: 大釜 Large Hook 5: 中厚至厚料 Medium~Heavy</p>	<p>特殊機構 Special Mechanism: N: 圓刀切綫 Rotary Knife Undertrimming</p>	<p>代碼說明 Code Description: BT: 自動切綫&自動倒縫&自動撥綫 Automatic Trimming & Automatic Backtacking & Automatic Wiper 2T: 自動切綫&自動倒縫 Automatic Trimming & Automatic Backtacking</p>
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特殊機構 / SPECIAL MECHANISM:

-  採用回轉式自動切綫機構，使得在使用粗綫縫制時，也能獲得極佳的切綫效果。
Applied with rotary automatic undertrimming mechanism, it could get perfect efficiency even sewing with thick thread.
-  機頭頭部防油結構的改善使得機器絕無漏油之疑慮。
Improved machine head oil proof mechanism, no worried about oil spill.
-  可根據用戶的需求來配置掃綫功能，使得整機更實用，簡練。
Attached with wiper, make it easy operate, according to the require.
-  採用大釜，可提高縫制效率。
Applied with large hook ensures high sewing efficiency.



CS-5100N-2T



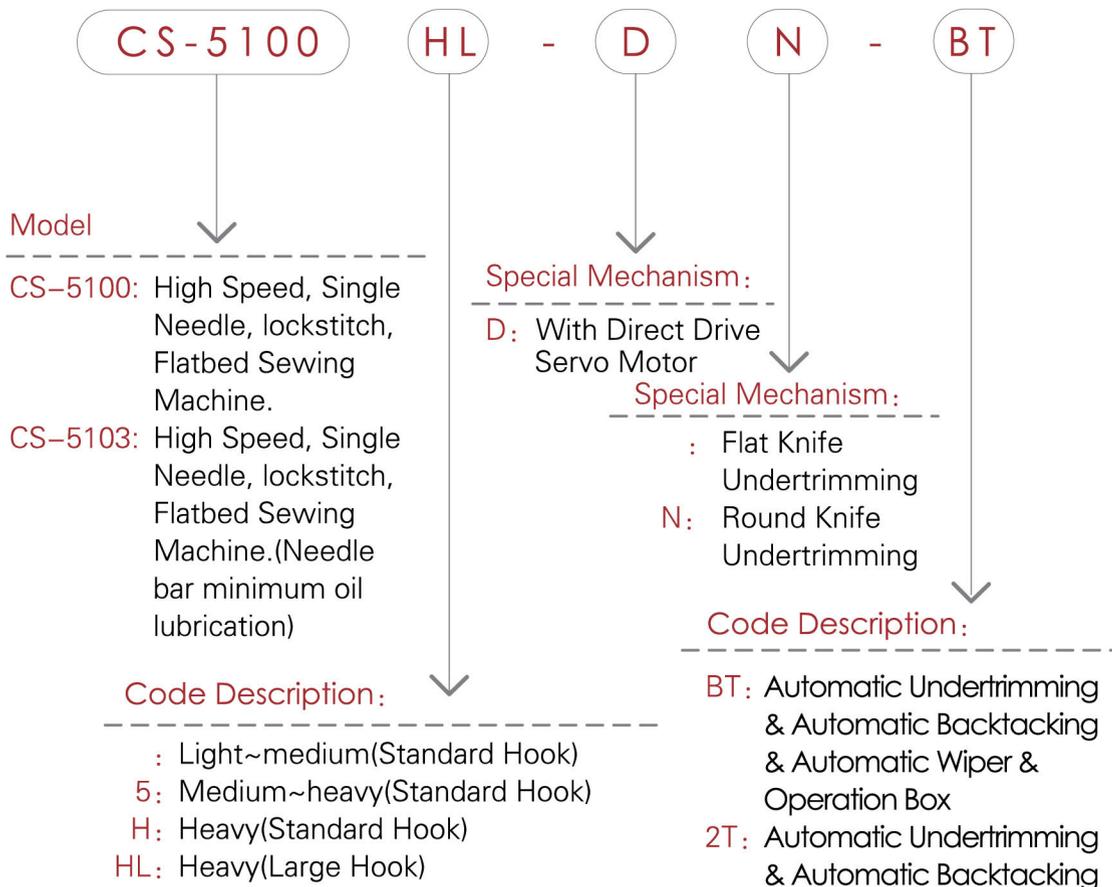
Model CS-5100N-2T	S.P.M. 5,000
Max. Stitch Length 4mm	Lift Of Presser Foot (Hand/Knee) 5.5mm/13mm
Needle System DB×1 #14 (#9 ~ #18)	
Needle Bar Stroke 30.5mm	Thickness Of The Sewn Products Light~Medium

Single Needle, Lockstitch, Flatbed Sewing Machine. (Automatic Undertrimming & Automatic Backtacking) (Round Knife Undertrimming)

Applied with the newly designed sewing mechanisms in order to achieve the low-tension sewing, the machine flexibly responds to various kinds of materials and produces beautiful seams of consistent quality.

No matter in high-speed or low-speed operation, the machine could obtain the best stitches.

- Automatic lubricating system, smooth and quiet running, easy maintenance; And increase the durability of machine.

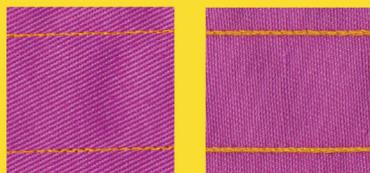


SPECIFICATIONS:

Model	 Max. Sewing Speed S.P.M.	 Lifting Of Presser Foot (Hand/knee) mm	 Max. Stitch Length mm	 Needle Bar Stroke mm	 Needle System	 Automatic Undertrimming	 Automatic Backtacking	 Automatic Wiper	 Operation Box	 Thickness Of The Sewn Products	 Hook System
CS-5100	5500	5.5/13	5	30.7	DB×1 #14 (#9~#18)					Light~Medium	Standard Hook
CS-5100BT	5000	5.5/13	4	30.7		○	○	○	○		
CS-5100-2T	5000	5.5/13	4	30.7		○	○				
CS-5100N-BT	5000	5.5/13	4	30.7		○	○	○	○		
CS-5100N-2T	5000	5.5/13	4	30.7		○	○				
CS-5100D-BT	5000	5.5/13	4	30.7		○	○	○	○		
CS-5100D-2T	5000	5.5/13	4	30.7		○	○				
CS-5100DN-BT	5000	5.5/13	4	30.7		○	○	○	○		
CS-5100DN-2T	5000	5.5/13	4	30.7		○	○				
CS-5100-5	4000	5.5/13	5	35	DB×1 #21 (#19~#23)					Medium~Heavy	Standard Hook
CS-5100-5BT	4000	5.5/13	5	35		○	○	○	○		
CS-5100-5-2T	4000	5.5/13	5	35		○	○				
CS-5100-5N-BT	4000	5.5/13	5	35		○	○	○	○		
CS-5100-5N-2T	4000	5.5/13	5	35		○	○				
CS-5100H	4000	5.5/13	7	35	DB×1 #21 (#19~#23)					Heavy	Standard Hook
CS-5100HN-BT	4000	5.5/13	7	35		○	○	○	○		
CS-5100HN-2T	4000	5.5/13	7	35		○	○				
CS-5100HL	3200	5.5/13	7	35							
CS-5100HLN-BT	3200	5.5/13	7	35		○	○	○	○		
CS-5100HLN-2T	3200	5.5/13	7	35	○	○			Large Hook		
CS-5100-5D-2T	4000	5.5/13	5	35	DB×1 #21 (#19~#23)	○	○			Medium~Heavy	Standard Hook
CS-5100-5D-BT	4000	5.5/13	5	35		○	○	○	○		
CS-5100-5DN-BT	4000	5.5/13	5	35		○	○	○	○		
CS-5100-5DN-2T	4000	5.5/13	5	35		○	○				
CS-5103	5000	5.5/13	5	30.7		DB×1 #14 (#9~#18)					
CS-5103D-2T	4500	5.5/13	4	30.7	○		○				
CS-5103D-BT	4500	5.5/13	4	30.7	○		○	○	○		



CS-5920



Model CS-5920	S.P.M. 5,000
Max. Stitch Length 4mm	Lift Of Presser Foot (Hand/Knee) 5.5mm/10mm
Needle System TV×1 #14(#9~#21)	
Needle Bar Stroke 30mm	

High-Speed, Double Needle, Double Chainstitch, Flatbed Sewing Machine. (Tandem Needle Gauge).

The machine is capable of perform the condensation stitching that prevents the sewn materials from fraying and produces beautiful seams of consistent quality. Adopt the excellent automatic lubricating system, running smooth and no noise, easy to maintain and improve the mechanism durability.

- Applied with the inclined crank type looper & mechanism, so increased the function & strength & durability.
- Suitable for side seaming & joining seat of slacks,etc..



CS-5930



Model CS-5930	S.P.M. 4,000
Max. Stitch Length 4mm	Lift Of Presser Foot (Hand/Knee) 5.5mm/10mm
Needle System TV×1 #14 (#14~#21)	
Needle Bar Stroke 30mm	

High-Speed, Three Needle, Double Chainstitch, Flatbed Sewing Machine.

The machine is capable of perform the condensation stitching that prevents the sewn materials from fraying and produces beautiful seams of consistent quality. Adopt the excellent automatic lubricating system, running smooth and no noise, easy to maintain and improve the mechanism durability.

- Standard gauge: three needle 1/4" (1/8" +1/8") , Applied with the inclined crank type looper & mechanism, so increased the function & strength & durability. Suitable for stitching jeans,etc..



CSR-2401H

Single Needle, Flatbed Sewing Machine.(With Needle Feed & Top Bottom Roller Feed)



Model No. CSR-2401H		S.P.M. 2,500
Max.Stitch Length 7mm	Lift Of Roller Presser (Knee) 10mm	
Needle System DP×5 #16 (#13~#18)	Needle Bar Stroke 36mm	

Due to special unison feed, no wrinkle in light material and fine stitch in heavy material.

- Maintenance-free ball and needle bearings and link take-up lever.
- Applied full-revolution vertical rotary hook with positive bobbin case opener.
- For sewing functional and ornamental seams, preferably on high quality leather goods, bags, shoes,.....etc..



CS-8113

Single Needle, Flatbed Sewing Machine, With Unison Feed.(Large hook).



Model No. CS-8113		S.P.M. 2,000
Max. Stitch Length 8mm	Lift Of Presser Foot (Knee) 16mm	
Needle System DP×17 #21 (#18~#22)	Needle Bar Stroke 36mm	
Alternating Movement 2~6mm		
Thickness Of The Sewn Products Heavy		

These machines are equipped with walking foot, needle feed and feed dog, all of which act completely in unison.

Consequently, the upper or lower sewing material does not slip and also these machines can sew accurately and easily several sheets of heavy weight materials piled up together.

Due to this powerful feature, these machines are best suited for sewing tents, seats, bags, cushions & interior furnishings of automobiles,.....etc..

- Horizontal axis rotating hook with automatic hook lubrication, oil amount is easily adjusted for an optimum lubrication, quick and easy change of bobbin.
- Applied with the new type of stitch length adjusting mechanism, precisely stitch length setting & stitch length of forward-stitching and backtacking could be easily adjusted.
- Applied the new type of "Double supporting-point backtacking mechanism", durable & ensured the precise backtacking seams.



CS-8113BT

Single Needle, Flatbed Sewing Machine, With Unison Feed.(Large hook)(Automatic undertrimming & backtacking).

Model No. CS-8113BT		S.P.M. 2,000
Max. Stitch Length 8mm	Lift Of Presser Foot (Knee) 16mm	
Needle System DP×17 #21 (#18~#22)	Needle Bar Stroke 36mm	
Alternating Movement 2~6mm		
Thickness Of The Sewn Products Heavy		

Applied with the new type of automatic undertrimming mechanism, the undertrimming result is more perfect. It could reduce the consumption of thread, and increase the sewing efficiency.

Applied with the automatic backtacking device: the backtacking only with gentle press on the backtacking switch, easy operation and could increase the sewing quality & efficiency.

- The other special features are as CS-8113.



CS-8113BFT

Single Needle, Flatbed Sewing Machine, With Unison Feed.(Large hook)(Automatic undertrimming & backtacking & Automatic Presser Foot Lifting).

Model No. CS-8113BT		S.P.M. 2,000
Max. Stitch Length 8mm	Lift Of Presser Foot (Knee) 16mm	
Needle System DP×17 #21 (#18~#22)	Needle Bar Stroke 36mm	
Alternating Movement 2~6mm		
Thickness Of The Sewn Products Heavy		

Applied with the new type of automatic undertrimming mechanism, the undertrimming result is more perfect. It could reduce the consumption of thread, and increase the sewing efficiency.

Applied with the automatic backtacking device: the backtacking only with gentle press on the backtacking switch, easy operation and could increase the sewing quality & efficiency.

With Automatic Presser Foot Lifting,easy operation,could increase the sewing efficiency.

- The other special features are as CS-8113.



CS-8150G

1-Needle, Cylinder-Bed, Lockstitch, Bartacking Machine. (Large Size).

Model No. CS-8150G		S.P.M. 2,300
Number Of Stitches 42 Stitches	Lift Of Presser Foot (Knee) 17mm	
Needle System DP×5 #19 (#16~#21)	Needle Bar Stroke 41.2mm	
Application For Heavy Weight Material		

The great reduction of the pedaling pressure required has been achieved, helping reduce operator fatigue.

- The maximum sewing speed of 2,300 s.p.m. leads to higher efficiency.
- The expanded sewing space & the work clamp foot lift is as high as 17mm, easy for in and out of the sewing products.
- The low- tension sewing can be performed & the reliable thread trimming is ensured, leading to further improved seam quality.
- Vertical sewing size (mm) ,
Standard : 3.5
(min.~max.): (1.5~3.5)

Horizontal sewing size (mm)
Standard: 16
(min.~max.): (8~16)



CS-8154G-24

High-Speed, 1-Needle, Cylinder-Bed, Lockstitch, Bartacking Machine. (Extra-Large Size).

Model No. CS-8154G-24		S.P.M. 2,300
Number Of Stitches 42 Stitches	Lift Of Presser Foot (Knee) 17mm	
Needle System DP×17 #19 (#16~#21)	Needle Bar Stroke 41.2mm	
Application For Heavy Weight Material		

The great reduction of the pedaling pressure required has been achieved, helping reduce operator fatigue.

- The maximum sewing speed of 2,300 s.p.m. leads to higher efficiency.
- The expanded sewing space & the work clamp foot lift is as high as 17mm, easy for in and out of the sewing products.
- The low- tension sewing can be performed & the reliable thread trimming is ensured, leading to further improved seam quality.
- Vertical sewing size (mm) ,
Standard : 3.5
(min.~max.): (1.5~3.5)

Horizontal sewing size (mm)
Standard: 24
(min.~max.): (12~24)

CS-7500HLN-2T



Single Needle, Needle Feed, Lockstitch, Flatbed Sewing Machine.(With automatic undertrimming & backtacking)(Large hook, for heavy materials)

- Applied with the Round Knife Undertrimming type of automatic undertrimming mechanism, the undertrimming result is more perfect.
- Applied with the automatic backtacking device: the backtacking only with gentle press on the backtacking switch, easy operation and could increase the sewing quality & efficiency.
- Applied with large hook, it could reduce the consumption of thread, and increase the sewing efficiency.

CS-7500HLN-BT



Single Needle, Needle Feed, Lockstitch, Flatbed Sewing Machine.(With automatic undertrimming & backtacking & wiper & operation box)(Large hook, for heavy materials)

- The other special features are as CS-7500HLN-2T.



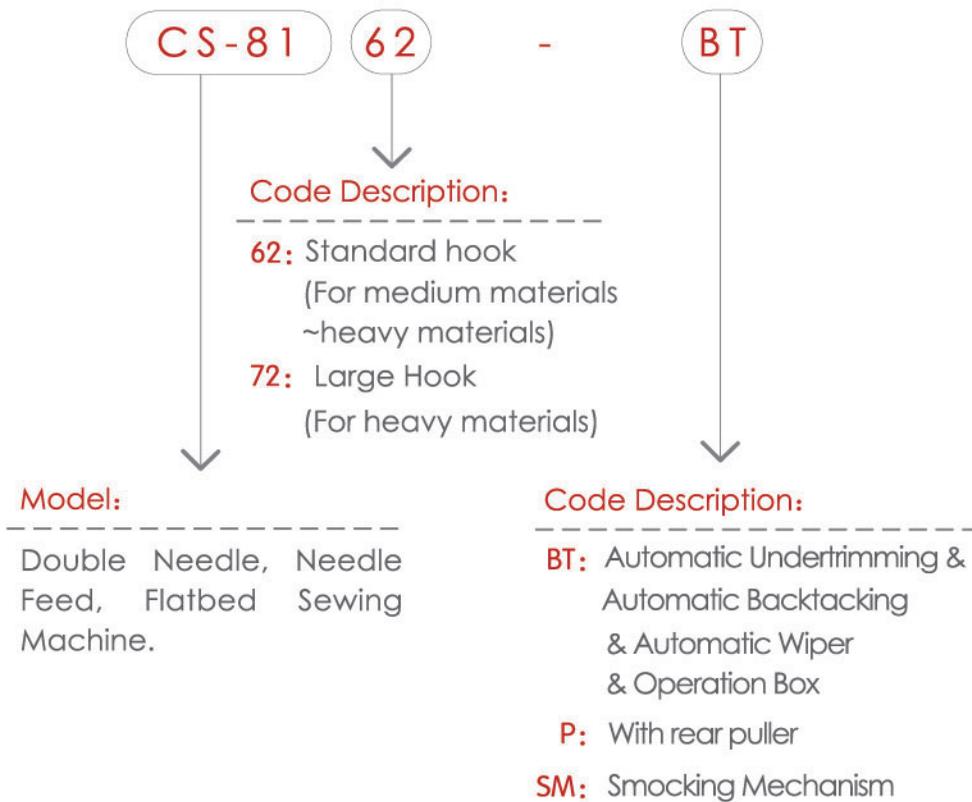
CS-8162

Double Needle, Needle Feed, Flatbed Sewing Machine.
(Standard hook, for medium materials~heavy materials)
(Automatic Lubrication)

Model No. CS-8162		S.P.M. 3,500	
Max.Stitch Length 5mm	Lift Of Presser Foot (Hand/Knee) 7/9mm		
Needle System DP×5 #14 (#11~#16)	Needle Bar Stroke 33.4mm		
Thickness Of The Sewn Products Medium~Heavy			

Applied with the newly improved main shaft mechanism, ensured further durability. Some parts of the thread take-up & needle bar mechanism be plated with special coating, could increase the strength & durability of the machine. Needle feed mechanism synchronously moves with lower drop feed, ensures fine and non twisted seams from slippery or difficult to feed materials. Automatic lubricating system, (Min. oil on the needle bar) smooth and quiet running, easy maintenance.

- Application for medium ~heavy materials of 2-needle stitching.
- Standard needle gauge:1/4" (6.4mm).



SPECIFICATIONS:

Model No.	 Max. Sewing Speed S. P. M.	 Lifting Of Presser Foot (Hand/Knee) mm	 Max. Stitch Length mm	 Needle Bar Stroke mm	 Needle System	Sewn Materials Hook System	 Operation Box	 Automatic Undertrimming	 Automatic Backtacking	 Automatic Wiper
CS-8162	3500	7/9	5	33.4	DP×5 #14 (#11~#16)	Medium~Heavy				
CS-8162P	3500	7/9	5	33.4	DP×5 #14 (#11~#16)	Standard hook				
CS-8162SM	3500	7/9	5	33.4	DP×5 #14 (#11~#16)	Standard hook	○	○	○	○
CS-8162BT	3500	7/9	5	33.4	DP×5 #14 (#11~#16)	Standard hook	○	○	○	○
CS-8172	3000	7/13	7	35	DP×5 #21 (#19~#22)	Heavy Large hook				
CS-8172BT	3000	7/13	7	35	DP×5 #21 (#19~#22)	Heavy Large hook	○	○	○	○

CS-8162BT

Double Needle, Needle Feed, Flatbed Sewing Machine.(With automatic undertrimming & backtacking & wiper & operation box)(Standard hook, for medium materials~heavy materials)(Automatic lubrication)

- Applied with the new style of automatic undertrimming mechanism, the undertrimming result is more perfect.
- Applied with the automatic backtacking device: the backtacking only with gentle press on the backtacking switch, easy operation and could increase the sewing quality & efficiency.

CS-8172BT

Double Needle, Needle Feed, Flatbed Sewing Machine.(With automatic undertrimming & backtacking & wiper & operation box)(Large hook, for heavy materials)(Automatic lubrication)

- Applied with large hook,It could reduce the consumption of thread, and increase the sewing efficiency.
- The other special features are as CS-8162BT.

**CS-8165**

Double needle, split needle bar, needle feed, flatbed sewing machine.(Standard hook, For medium materials ~heavy materials)(Automatic Lubrication)

Model No. CS-8165	S.P.M. 2,500
Max.Stitch Length 5mm	Lift Of Presser Foot (Hand/Knee) 7/9mm
Needle System DP×5 #14 (#11~#16)	Needle Bar Stroke 33.4mm
Thickness Of The Sewn Products Medium~Heavy	

Applied with the newly improved main shaft mechanism, ensured further durability. Some parts of the thread take-up & needle bar mechanism be plated with special coating,could increase the strength & durability of the machine.

SPLIT NEEDLE BAR.....This machine is equipped with disengageable needle bars which allow single needle sewing at a corner with one-touch-lever operation.

- Needle feed mechanism synchronously moves with lower drop feed, ensures fine and non twisted seams from slippery or difficult to feed materials.
- Standard needle gauge:1/4"(6.4 mm). Simple and quick gauge change.
- Automatic lubricating system, (Min.oil on the needle bar) smooth and quiet running, easy maintenance.
- Applied for medium light~materials of 2-needle corner stitching.



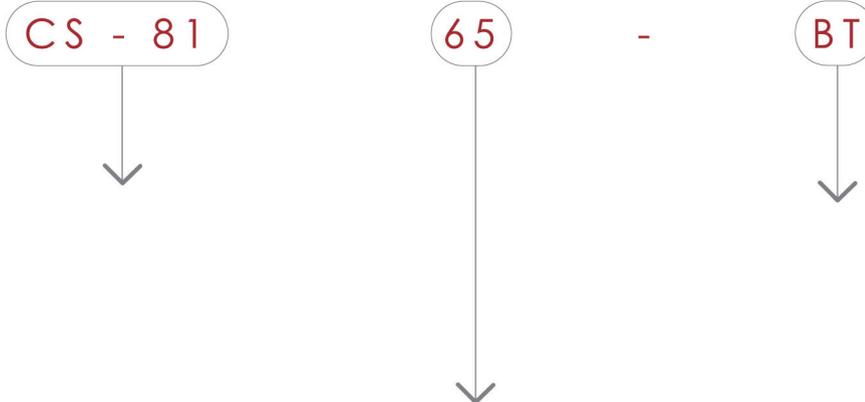
CS-8165



Model CS-8165	S.P.M. 2,500
Max. Stitch Length 5mm	Lift Of Presser Foot (Hand/Knee) 7mm/9mm
Needle System DP×5 #14 (#11~#16)	
Needle Bar Stroke 33.4mm	Thickness Of The Sewn Products Medium-Heavy

Double needle, split needle bar, needle feed, flatbed sewing machine. (Standard hook, For medium materials ~heavy materials) (Automatic Lubrication)

Needle feed mechanism synchronously moves with lower drop feed, ensures fine and non twisted seams from slippery or difficult to feed materials. Standard needle gauge: 1/4"(6.4 mm). Simple and quick gauge change. Automatic lubricating system, smooth and quiet running, easy maintenance. (Needle bar: minimum lubrication) Applied for medium~heavy materials of 2-needle corner stitching.



-
- 65S**: Standard Hook(Light Material)
 - 65**: Standard Hook(Medium~heavy Material)
 - 75**: Large Hook(For Heavy Material)
 - 76D**: Large Hook(For Heavy Material)
- Electronic Direct Drive & minimum oil lubrication

SPECIFICATIONS:

Model	 Max. Sewing Speed S.P.M.	 Lifting Of Presser Foot (Hand/knee) mm	 Max. Stitch Length mm	 Needle Bar Stroke mm	 Needle System	 Automatic Undertrimming	 Automatic Backtacking	 Automatic Wiper	 Operation Box	 Thickness Of The Sewn Products	 Hook System
CS-8165S	2500	7/9	5	33.4						Light	
CS-8165S-BT	2500	7/9	5	33.4	DP×5 #14 (#11~#16)						Standard Hook
CS-8165	2500	7/9	5	33.4						Medium-heavy	
CS-8165BT	2500	7/9	5	33.4							
CS-8175	2500	7/13	7	35	DP×5 #21 (#19~#22)					heavy	Large Hook
CS-8175BT	2500	7/13	7	35							
CS-8176D-BT	2500	7/13	7	35							

CS-8165BT



CS-8175BT





CS-8BV

Single Needle, Cylinder-Bed Sewing Machine, With Unison Feed.(Standard hook)(Horizontal movement of drop feed, for binding stitching)

Model No. CS-8BV	S.P.M. 2,800
Max. Stitch Length 5mm	Lift Of Presser Foot (Knee) 13mm
Needle System DP×17 #22 (#19~#22)	Needle Bar Stroke 34mm
Alternating Movement 2~6mm	

Suitable for stitching (taping or piping or binding) for heavy materials.
Binder feeding together with unison feed.

- The other special features are as CS-8B.



CS-8243

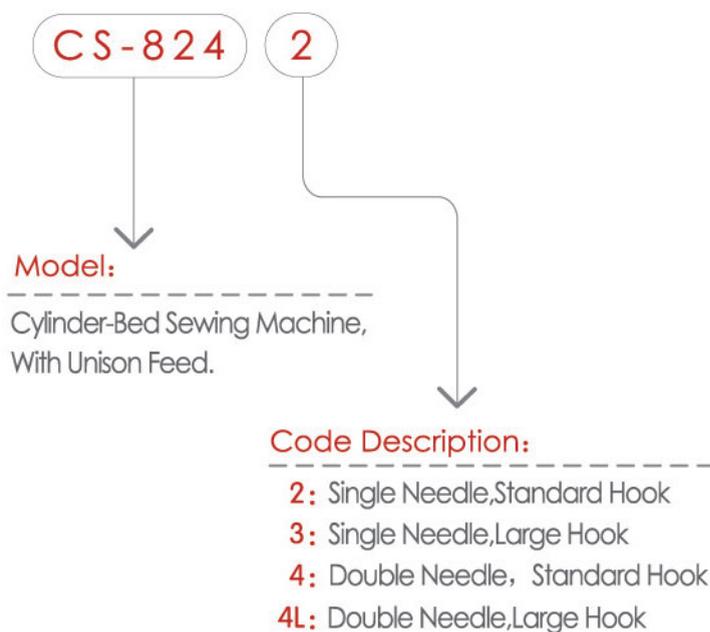
Single Needle, Cylinder-Bed Sewing Machine, With Unison Feed. (Large hook).

Model No. CS-8243	S.P.M. 2,000
Max. Stitch Length 6mm	Lift Of Presser Foot (Knee) 13mm
Needle System DP×17 #23 (#20~#23)	Needle Bar Stroke 36mm
Alternating Movement 3~7mm	

Equipped with a safety clutch mechanism which protects the rotating hook & needle from damage when the thread is caught in the rotating hook.

The diameter of cylinder-bed is 72 mm, is ideally suited for stitching tubular and curved articles, such as shoes, bags, small articles, purses,.....etc..

- Applied with large hook ensures high sewing efficiency.
- These machines are equipped with walking foot, needle feed and feed dog, all of which act completely in unison.Consequently, the upper or lower sewing material does not slip and also these machines can sew accurately and easily several sheets of heavy weight materials piled up together.
- The stitch length adjusting dial can be turned with ease. And with light touch to the lever, stitching can be reversed.



SPECIFICATIONS:

Model No.	 Max. Sewing Speed S. P. M.	 Lifting Of Presser Foot (Knee) mm	 Max. Stitch Length mm	 Needle Bar Stroke mm	Hook System	 Needle System	 The Alternating Movement of Presser Foot mm
CS-8242	2000	13	6	36	Standard Hook	DP×17#23 (#20~#23)	3~7
CS-8243	2000	13	6	36	Large Hook	DP×17#23 (#20~#23)	3~7
CS-8244	2000	13	6	36	Standard Hook	DP×17#23 (#20~#23)	3~7
CS-8244L	2000	13	6	36	Large Hook	DP×17#23 (#20~#23)	3~7

CS-8242

Single Needle, Cylinder-Bed Sewing Machine, With Unison Feed. (Standard hook).

CS-8244L

Double Needle, Cylinder-Bed Sewing Machine, With Unison Feed. (Large hook).

- Applied with large hook. Increase the sewing efficiency, and get a perfect seam.

**CS-441**

Single Needle, Cylinder-Bed Sewing Machine With Unison Feed. (For extra heavy-weight materials)

Model No. CS-441		S.P.M. 800
Max. Stitch Length 11mm	Lift Of Presser Foot (Knee) 20mm	
Needle System DY×3#26 (#23~#28)	Needle Bar Stroke 56mm	
Dia. Of Cylinder-Bed 81mm		
Alternating Movement 4~8mm		

Powerful unison feed mechanism, the machine can sew accurately and easily several sheets of heavy-weight materials piled up together.

The sewing area is up to 420 mm, suitable for stitching the huge articles.

- The lift of presser foot is up to 20 mm, suitable for stitching the extra heavy-weight materials.
- Applied the semi-rotary large shuttle & bobbin, could reduce the frequency of changing the bobbin thread, and increase the sewing efficiency.
- Suitable for stitching all the extra heavy-weight materials, such as the handle of bags, gloves, safety belts, tents, seatings, shoes, bags,.....etc..



CS-8330

Single Needle, Postbed Sewing Machine, With Unison Feed. (Large hook).



Model No. CS-8330		S.P.M. 2,000
Max. Stitch Length 6mm	Lift Of Presser Foot (Hand/Knee) 8/16mm	
Needle System DP×17#16~#23 STANDARD: #22	Needle Bar Stroke 36mm	
Alternating Movement 3~7mm		

These machines are equipped with walking foot, needle feed and feed dog, all of which act completely in unison.

Consequently, the upper or lower sewing material does not slip and also these machines can sew accurately and easily several sheets of heavy-weight materials piled up together. These machines can promise a smooth sewing quality.

- Large hook to assure high efficiency, perfect stitch.
- Applied with automatic lubrication system, smooth and quiet running, easy maintenance.
- These machines are best suited for sewing sports shoes, lady shoes, jackboots, seats, leather products, interior furnishings of automobiles, etc..

CS-8330



Model:

CS-8330:

Single Needle, Postbed Sewing Machine, With Unison Feed. (Large Hook)

CS-8331:

Single Needle, Postbed Sewing Machine, With Unison Feed. (Standard Hook, Special Post Bed)

CS-8332:

Single Needle, Postbed Sewing Machine, With Unison Feed. (Large Hook, Heightened Postbed)

-

BFT



Code Description:

BT: Automatic Undertrimming & Automatic Backtacking

BFT: Automatic Undertrimming & Automatic Backtacking & Automatic Presser Foot Lifting

SPECIFICATIONS:

Model No.	 Max. Sewing Speed S. P. M.	 Lifting Of Presser Foot (Hand/Knee) mm	 Max. Stitch Length mm	 Needle Bar Stroke mm	 Needle System	 Automatic Presser Foot Lifting	Hook System	 Automatic Undertrimming	 Automatic Backtacking
CS-8330	2000	8/16	6	36	DP×17		Large Hook		
CS-8330BT	2000	8/16	6	36	#16~#23(#22)		Large Hook	○	○
CS-8330BFT	2000	8/16	6	36	DP×17	○	Large Hook	○	○
CS-8331	2000	8/16	6	36	#16~#23(#22)		Standard Hook		
CS-8332BT	1800	8/15	6	36	DP×17		Large Hook	○	○
CS-8332BFT	1800	8/15	6	36	#16~#23(#22)	○	Large Hook	○	○

CS-8330BFT



Single Needle, Postbed Sewing Machine, With Unison Feed.(With automatic undertrimming & backtacking & Automatic Presser Foot Lifting)(Large hook)

- Automatic undertrimming & backtacking : increase the sewing efficiency.
- With automatic presser foot lifting,easy operation,could increase the sewing efficiency.
- The other special features are as cs-8330.

CS-8332BFT



Single Needle, Postbed Sewing Machine, With Unison Feed.(With automatic undertrimming & backtacking & Automatic Presser Foot Lifting) (Large hook, Heightened Postbed)

- Automatic undertrimming & backtacking : increase the sewing efficiency.
- With automatic presser foot lifting,easy operation, could increase the sewing efficiency.
- Heightened postbed design,suitable for stitching the large articles.
- The other special features are as cs-8330.



CS-8365M

Single Needle, Postbed Sewing Machine, With Unison Feed. (Left-side postbed, Regular hook)



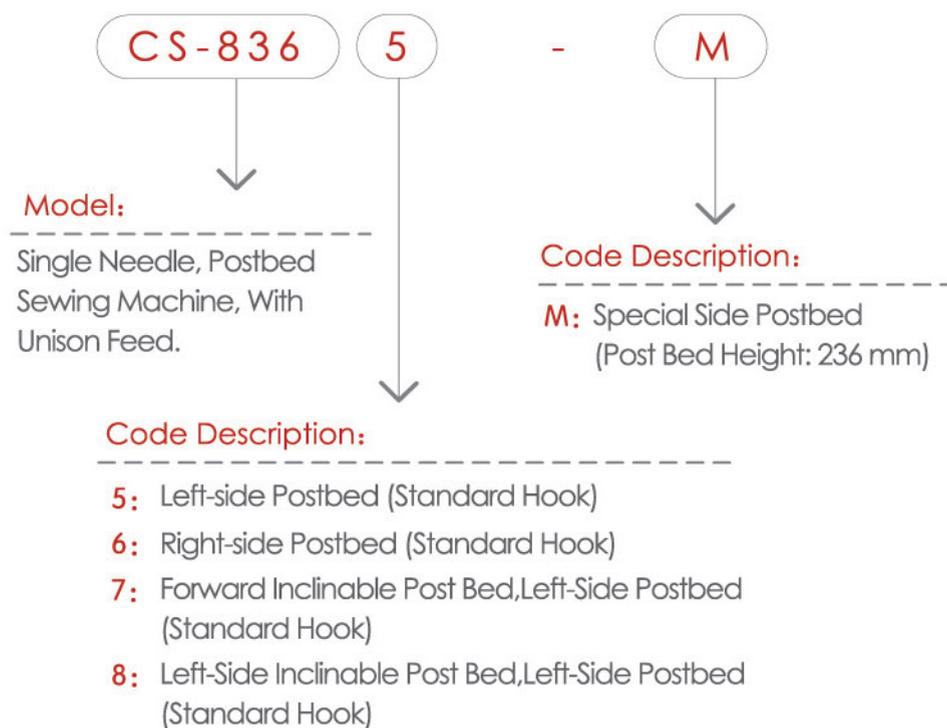
Overseas patents obtained. Any imitation copies will be accused.

Model No. CS-8365M		S.P.M. 1,600
Max. Stitch Length 6mm	Lift Of Presser Foot (Knee) 15mm	
Needle System DP×17 #22 (#19~#23)	Needle Bar Stroke 36mm	
Alternating Movement 3~7mm		

FEEDING MECHANISM(PATENT): The feed dog is at the most side of the needle plate, and the distance between the needle and the side of postbed is only 2.6mm. Suitable for stitching the three-dimensional & bottom of small-curved & side & corner, etc..

The special post bed design (post bed height: 236 mm).

- With special designed needle plate, suitable for stitching the small-curved portion, such as the bottoms & gores & corners of the bags,.....ect..



SPECIFICATIONS:

Model No.	 Max. Sewing Speed S. P. M.	 Lifting Of Presser Foot (Knee) mm	 Max. Stitch Length mm	 Needle Bar Stroke mm	Hook System & Postbed	 Needle System	 The Alternating Movement of Presser Foot mm
CS-8365M	1600	15	6	36	Standard Hook Left-Side Postbed	DP×17 #22 (#19~#23)	3~7
CS-8366M	1600	15	6	36	Standard Hook Right-Side Postbed	DP×17 #22 (#19~#23)	3~7
CS-8367M	1600	15	6	36	Forward Inclined Left-Side Post Bed(Standard Hook)	DP×17 #22 (#19~#23)	3~7
CS-8368M	1600	15	6	36	Inclined Left-Side Post Bed(Standard Hook)	DP×17 #22 (#19~#23)	3~7

CS-8367M



Overseas patents obtained. Any imitation copies will be accused.

Single Needle, Postbed Sewing Machine, With Unison Feed. (Forward inclinable post bed, regular hook, left-side postbed)

- Forward inclinable postbed design, easy for putting in or getting out the materials.
- The other special features are as CS-8365M.

CS-8368M



Overseas patents obtained. Any imitation copies will be accused.

Single Needle, Postbed Sewing Machine, With Unison Feed. (Left-side inclinable post bed, regular hook, left-side postbed).

- Left-side inclinable postbed design, easy for putting in or getting out the materials.
- The other special features are as CS-8365M.



CS-8703

Single Needle, Unison Feed, Cylinder-Bed Sewing Machine. (Standard hook) (Elliptical movement of bottom feed, for normal stitching).

Model No. CS-8703	S.P.M. 2,000
Max. Stitch Length 7mm	Lift Of Presser Foot (Knee) 15mm
Needle System DPX17 #21 (#18-#22)	Needle Bar Stroke 38mm
Alternating Movement 2-6mm	
Dia. Of Cylinder-Bed 47mm	

With unison feed ensured good feeding characteristics, even on materials with rough, slippery or tacky surfaces, accurate and uniform stitches to be obtained.

- Applied the new type of stitch length adjusting mechanism, precisely stitch length setting & stitch length of forward-stitching and backtacking could be easily adjusted.
- With light touch to the lever, stitching can be reversed.
- Applied with the new type of "double supporting-point backtacking mechanism", durable & ensured the precise backtacking seams.
- Ideally suited for normal stitching tubular and curved articles, such as shoes, bags, small articles, purses,.....etc..

CS-8703

V

-

BT

Model:

CS-8703:

Single Needle, Unison Feed, Cylinder-Bed Sewing Machine. (Standard hook)

CS-8713:

Single Needle, Unison Feed, Cylinder-Bed Sewing Machine. (Large hook)

Code Description:

: Elliptical Movement Of Bottom Feed. (For normal stitching)

V: Horizontal Movement Of Bottom Feed. (For binding stitching)

D: With Direct Drive Servo Motor

Code Description:

BT: Automatic Undertrimming & Automatic Backtacking

AF: Automatic Presser Foot Lifting (Pneumatic Type)

MF: Automatic Presser Foot Lifting (Electric Type)

SPECIFICATIONS:

Model No.	Max. Sewing Speed S.P.M.	Lifting Of Presser Foot (Knee) mm	Max. Stitch Length mm	Needle Bar Stroke mm	Needle System	The Alternating Movement Of Presser Foot mm	Cylinder Diameter mm	Hook System
CS-8703	2000	15	7	38	DP×17 #21 (#18~#22)	2~6	47	Standard Hook
CS-8703V	2000	15	7	38				Standard Hook
CS-8713	2000	15	7	38	DP×17 #21 (#18~#22)	2~6	47	Large Hook
CS-8713V	2000	15	7	38				Standard Hook
CS-8703BT	2000	15	7	38	DP×17 #21 (#18~#22)	2~6	47	Standard Hook
CS-8713BT	2000	15	7	38				Large Hook
CS-8703V-BT	2000	15	7	38	DP×17 #21 (#18~#22)	2~6	47	Standard Hook
CS-8713V-BT	2000	15	7	38				Large Hook
CS-8703D-BT	2000	15	7	38	DP×17 #21 (#18~#22)	2~6	47	Standard Hook
CS-8713D-BT	2000	15	7	38				Large Hook

CS-8703V



Single Needle, Unison Feed, Cylinder-Bed Sewing Machine. (Horizontal movement of bottom feed, for binding stitching)(Standard hook, for medium materials~heavy materials)

- Suitable for stitching (taping or piping or binding) the medium and heavy materials. (For example: bags, shoes, purses and other tubular goods).

CS-8713D-BT



Single Needle, Unison Feed, Cylinder-Bed Sewing Machine. (Elliptical movement of bottom feed, for normal stitching.)(Large hook, for heavy materials)(With Direct Drive Servo Motor)(Automatic Undertrimming & Automatic Backtacking)

- Applied with large hook, could increase the sewing efficiency.



CS-8810

Single Needle, Needle Feed & Top/Bottom Roller Feed,
Postbed Sewing Machine.



Model No. CS-8810		S.P.M. 2,500	
Max. Stitch Length 7mm	Lift Of Roller Presser (Knee) 15mm		
Needle System DP×5 #16 (#14~#19)		Needle Bar Stroke 38mm	

Due to special unison feed (needle feed & top/bottom roller feed), no wrinkle in light material and fine stitch in heavy material.

- Maintenance-free ball and needle bearings and link take-up lever.
- Applied full-revolution vertical rotary hook with positive bobbin case opener.
- Equipped with easy-operating safety clutch which would protect rotating hook from damage.
- For sewing functional and ornamental seams preferably on concave portions of shoe uppers, leather products,.....etc..

CS-8810

-

D

Model:

Single Needle, Needle Feed
& Top/Bottom Roller Feed,
Postbed Sewing Machine.

Code Description:

- : Basic Type (Standard Hook).
- D**: With Direct Drive Servo Motor (Standard Hook).
- H**: For Thick Thread Stitching. (Standard Hook).
- G**: Large Hook .

SPECIFICATIONS:

Model No.	 Max. Sewing Speed S. P. M.	 Lifting Of Presser Roller (Knee) mm	 Max. Stitch Length mm	 Needle Bar Stroke mm	Hook System	 Needle System
CS-8810	2500	15	7	38	Standard Hook	DP×5 #16 (#14~#19)
CS-8810D	2500	15	7	38	Standard Hook	
CS-8810G	2500	15	7	38	Large Hook	DP×17或UY128GAS (#23~#25)
CS-8810H	1500	15	7	38	Standard Hook	



CS-8810D



Single Needle, Needle Feed & Top/Bottom Roller Feed, Postbed Sewing Machine. (With direct drive servo motor)

- Applied with direct drive servo motor, ensures high sewing efficiency & electricity saving.

CS-8810H



Single Needle, Needle Feed & Top/Bottom Roller Feed, Postbed Sewing Machine. (For thick thread stitching)

- For thick thread stitching, up to #0 (3×4) thread.



CS-8820

Double Needle, Top & Bottom Roller Feed, Postbed Sewing Machine.



Model No. CS-8820		S.P.M. 2,500	
Max. Stitch Length 4mm	Lift Of Roller Presser (Knee) 15mm		
Needle System DP×5 #16 (#14~#19)		Needle Bar Stroke 41mm	

Owing to the combination of Top & bottom roller feed (wheel feed and driven roller presser), no wrinkle in light material and fine stitch in heavy material.

- Maintenance-free ball and needle bearings and link take-up lever.
- Applied full-revolution vertical rotary hook with positive bobbin case opener.
- Equipped with easy-operating safety clutch which would protect rotating hook from damage.
- Standard needle gauge: 1.6mm or 2.0mm or 2.4mm
- For sewing functional and ornamental seams preferably on concave portions of shoe uppers, leather products,.....etc..

CS-8820

-

D

Model:

Double Needle, Top & Bottom Roller Feed, Postbed Sewing Machine.

Code Description:

- : Basic Type (Standard Hook).
- D**: With Direct Drive Servo Motor (Standard Hook).
- H**: For Thick Thread Stitching. (Standard Hook)
- G**: Large Hook .

SPECIFICATIONS:

Model No.	 Max. Sewing Speed S. P. M.	 Lifting Of Presser Roller (Knee) mm	 Max. Stitch Length mm	 Needle Bar Stroke mm	Hook System	 Needle System
CS-8820	2500	15	4	41	Standard Hook	DP×5 #16 (#14~#19)
CS-8820D	2500	15	4	41	Standard Hook	
CS-8820G	2500	15	4	41	Large Hook	
CS-8820H	1500	15	4	41	Standard Hook	DP×17或 UY128GAS#23



CS-8820G



Double Needle, Top & Bottom Roller Feed, Postbed Sewing Machine. (Large hook)

- Applied with large hook ensures high sewing efficiency.

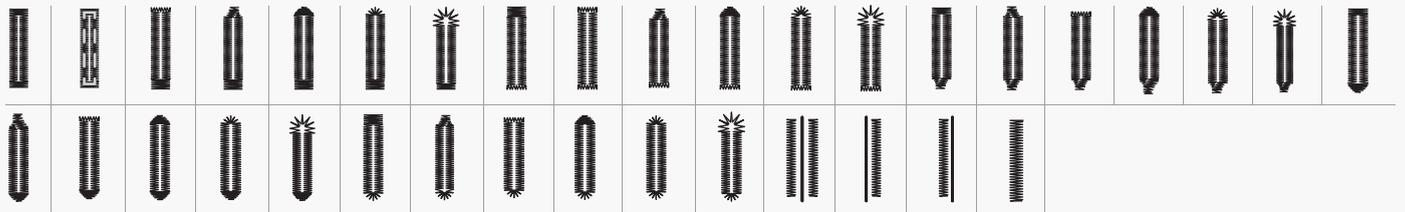
CS-8820H



Double Needle, Top & Bottom Roller Feed, Postbed Sewing Machine. (For thick thread stitching)

- For thick thread stitching, up to #5 (3×2) thread.
- Standard needle gauge: 2.4mm.

簡單切換縫制的設定 SIMPLE SWITCH SEWING SET



鋸齒邊縫
Saw tooth stitch



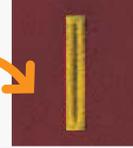
直鎖眼縫
Straight look stitch



一重縫
Single stitch



二重縫
Double stitch



(鋸齒邊縫與直鎖眼縫的切換, 必須要變更梭殼的穿綫及底綫的張力)
(Saw tooth stitch with Straight look stitch switch, you must change the tension of thread in the bobbin case and the bottom line.)

循環一周的狀態
Circulation state of a circle

二重縫制的完成狀態
Sewing the completion status of double circle

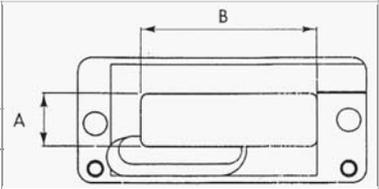
編輯花樣 Edit Pattern

壓腳 Foot Presser

擺動幅度 5mm Range 5mm

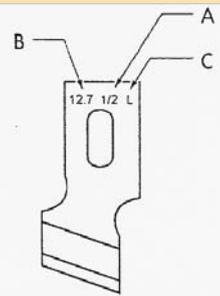
尺寸(AxB) Size	1 (4x25)	2 (5x35)	3 (5x41)	4 (6x70)	5 (6x130)
規格 Specifications					
標準 (S)Standard	HC1232-PFZ	HC1231-PFZZ1	HC1231-PFZZ6	HC1232-PFZZ7	HC1231-120A
針織物用 (K)Knitwear		HC1231-PFZZ2			

特殊規格 (L)Special Specifications



切布刀 Rag knife

A 切刀尺寸(英寸) Knife Size (Inch)	B 切刀尺寸(mm) Knife Size (mm)	C 記號 Mark
1/4	6.4	F
3/8	9.5	K
1/2	12.7	L
9/16	14.3	V
5/8	15.9	M
3/4	19.1	N
7/8	22.2	P
1	25.4	Q
1-1/4	31.8	S



規格/SPECIFICATIONS:

GOLDEN WHEEL

型號 Model	最大縫速 Max. Speed S.P.M.	縫目形式 Stitch Type mm	針棒衝程 Needle Bar Stroke mm	押腳提升 Presser Foot Lift mm	最大鎖眼 Stitch formation: Buttonhole, max. mm	縫制物之最大厚度 Max. Thickness Of Workpiece mm	電力消耗 Power Consumption Max. KVA	電力規格 Power Supply	切孔長度 Length of buttonhole cut mm
CSA-3310S	4200	304	34.5	17	120	3	0.6	220V±10% .50/60 HZ, 單相(single phase)	6.4~120
CSA-3310K	4200	304	34.5	17	120	3	0.6		6.4~120
CSA-3310L	4200	304	34.5	17	120	3	0.6		6.4~120

啓翔股份有限公司

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Tel: (+886)2-22999518 Fax: (+886)2-22999519 E-mail: cheesiang@golden-wheel.com

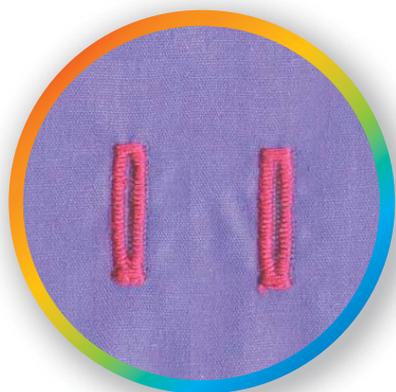
若因本系列產品的進一步改進, 目錄中的規格變化恕不另行通知

The specification listed in this catalog are subjected to change without notice.

CSA-3310

電腦控制式平頭鎖眼機

Electronic Straight Buttonholing Machine.



金輪牌工業用縫紉機
GOLDEN WHEEL

SPECIAL FUNCTION



CSA - 3310

代碼說明

Code Description:

- S: 標準
Standard
- K: 針織物用
Knitwear
- L: 特殊規格
(縫制範圍130mm
鈕孔120mm)
Special specifications
(sewing range:130 mm
Button hole:120 mm)

縫制範圍

Sewing Range

- 1 : 4mm×25mm
- 2 : 5mm×35mm
- 3 : 5mm×41mm
- 4 : 6mm×70mm
- 5 : 6mm×130mm

代碼說明

Code Description:

- F: 1/4 (Inch) 6.4 (mm)
- K: 3/8 (Inch) 9.5 (mm)
- L: 1/2 (Inch) 12.7 (mm)
- V: 9/16 (Inch) 14.3 (mm)
- M: 5/8 (Inch) 15.9 (mm)
- N: 3/4 (Inch) 19.1 (mm)
- P: 7/8 (Inch) 22.2 (mm)
- Q: 1 (Inch) 25.4 (mm)
- S: 1-1/4 (Inch) 31.8 (mm)

特點 SPECIAL FEATURES

SD卡輸入功能，可應需求編制程序。
SD card input function, can demand program.

特點 SPECIAL FEATURES

粗縫機能在縫制針織等有伸縮性的面料時，有很大效果。
Baste function when sewing scalability fabrics such as knit, have very big effect.

特點 SPECIAL FEATURES

可以使用觸控屏，將內存的35種不同的鎖眼模式，隨意調出使用。
You can use the touch screen to use 35 different buttonhole models at random.

特點 SPECIAL FEATURES

用自由設定的順序(順序程序編程)，縫制不同的扣眼和加固結。
Programming with free to set the order (order), button sewing different and reinforcement.

特點 SPECIAL FEATURES

靈敏的斷綫檢測，避免因斷綫而落刀切布。

Sensitive break line detection, to avoid falling knife cloth by bolt.

特點 SPECIAL FEATURES

可以直接操控縫紉密度,鎖眼寬度,切孔長度,鎖眼模式,所以操作極其簡易。

The simple operation due to direct access to stitch density,buttonhole width, cutting length and buttonhole model.

縫制彈性布料之時,可在鎖眼邊上加一直綫縫,以加固布料,而獲致穩固的鎖眼效果。

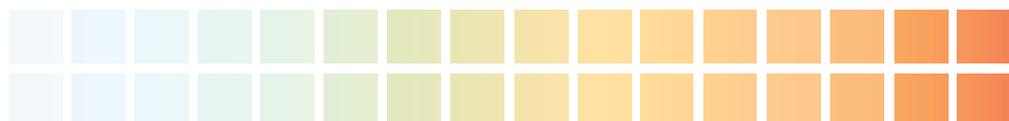
Available to stabilize the buttonhole in elastic fabrics, when sewing elastic cloth, to stabilize the buttonhole.

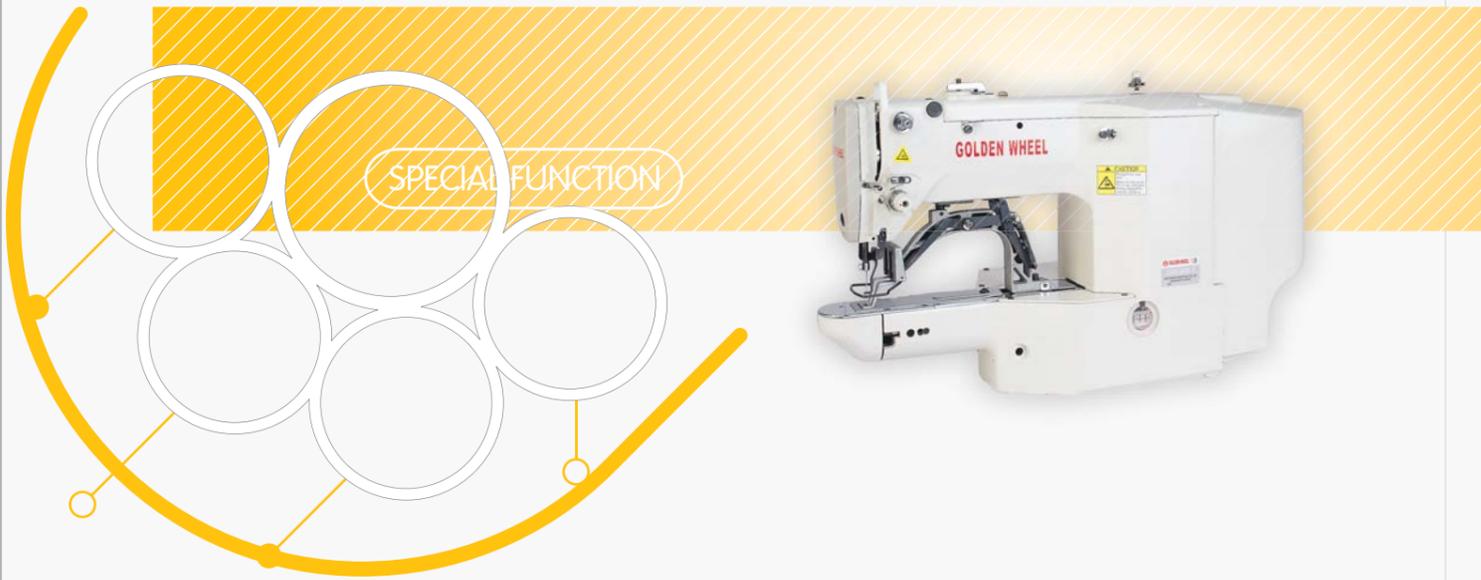
送布、送針、上切綫、下切綫、切布刀、壓腳抬升裝置等全部實現電子化控制。

Feed, needle, the tangent and the tangent, cloth cutter, full electronic control the presser foot lift device.

裝備特殊切刀機構，具備多次落刀功能，所以尺寸發生變換時也不需要更換切刀。

Equipped with a special cutter institutions, have repeatedly setting function, so the size transformation occurs also do not need to change cutter.





CSA - 3470 - 3

機型
Model:

高速單針筒型
High Speed, Single Needle,
Lockstitch, Cylinder-Bed

代碼說明
Code Description:

電腦控制式套結機
Electronic Tacking Machine

適用物料
Attachment:

1: 圓孔車帽孔用
For Eyelet Tacking
3: 套結機(薄~中厚料用)
Bartacking (For Light~ Medium Materials)
5: 套結機(厚料用)
Bartacking (For Heavy Materials)

特點 SPECIAL FEATURES

縫制速度可達3,200針/分鐘。
Sewing speed can reach 3.200 S.P.M..

特點 SPECIAL FEATURES

新開發設計的電子夾綫機構，可以防止縫綫鬆脫與鳥巢現象。
New development and design of electronic thread clamping device, can prevent thread loose and the bird's nest phenomenon.

特點 SPECIAL FEATURES

採用步進馬達控制式的自動抬壓腳機構。
The stepping motor control type of automatic presser foot lifting device.

特點 SPECIAL FEATURES

針對不同縫制需求的縫綫張力，可以預先設定與保存再使用，以提高縫制品質。
According to different needs of thread tension, it can be pre-determined set up and used again, in order to improve the quality of sewing.

特殊機構 / SPECIAL MECHANISM:

改良過的切綫機構，切綫後的殘留綫頭更短。
Improved thread trimming device, after thread trimming, the thread-end is shorter.

特殊機構 / SPECIAL MECHANISM:

押腳高低，可分段設定。
The lifting of presser foot could be pre-set up in different height.

特殊機構 / SPECIAL MECHANISM:

針棒部分與天平部分，採用無油之設計。
Needle bar & thread take-up lever: no need the oil lubrication system.

特殊機構 / SPECIAL MECHANISM:

旋梭部分，採用微油之設計。
Rotating hook: min. oil lubrication system.

	No.	Pattern	Stitch	SIZE		Work Clamp No.			
				X	Y				
For ordinary materials	08		21	7	2	1			
	20		28	7	2				
	21		35	7	2				
	05		29	10	2				
	13		35	10	2				
	15		42	10	2				
For denim	04		30	16	2	2			
	01		42	16	2				
	06		29	16	3				
	14		36	16	3				
	16		43	16	3				
	03		35	20	3				
Half moon	02		42	20	3	3			
	17		42	24	3				
	18		56	24	3				
	19		63	24	3				
	28		65	38	3				
	29		86	38	3				
Round bartacking	30		108	38	3	6			
	41		35	26	6		9		
	42		35	33	5			10	
	43		40	36	7				11
	80		32	33	6				
	81		26	31	6				
Half moon	82		35	28	6.5	15			
	55		29	φ15					
	For the hole of cap	89		58	outer φ9		inner φ5	14	
		90		91	13				
		91		98					
		92		148					
93		164							
For knits		22				14	7		2
	10		21	10		0	2		
	11		28	10	0				
	12		28	20	0				
	23		35	25	0				
	24		42	25	0				
Straight bar tacking	25		45	25	0	3			

CSA-3470 SERIES

高速單針筒型，電腦控制式套結機
High Speed, Single Needle, Lockstitch, Cylinder-Bed, Electronic Bartacking Machine.

- CSA-3470-1: 圓孔車(帽孔用) Eyelet Tacking
- CSA-3470-3: 套結機(薄~中厚料用) Bartacking (For Light~ Medium Materials)
- CSA-3470-5: 套結機(厚料用) Bartacking (For Heavy Materials)



規格/SPECIFICATIONS:

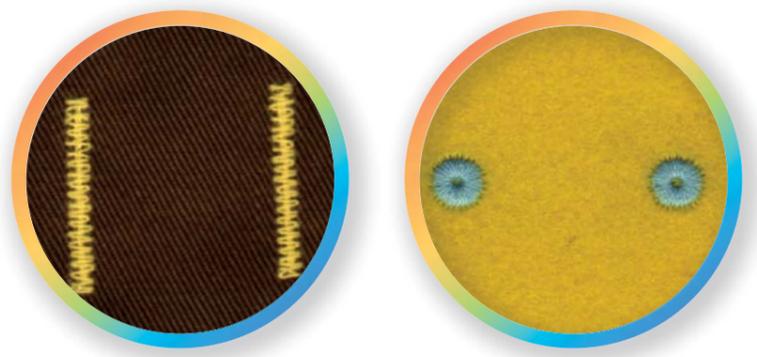
GOLDEN WHEEL

型號 Model	最大縫速 Max. Speed S.P.M.	使用針 Needle System	縫目長度 Stitch Length mm	押腳提升高度 Lift Of Presser Foot	馬達 Motor	押腳提升方式 Foot Lifting Way	使用釜 Hook
CSA-3470	3200	DP×5/DP×17, #14~#19 (Standard#19)	0.1~10.0 (0.1mm step)	Standard: 13mm Max: 17mm	550W伺服馬達 550W Servo Motor (Direct Driven)	步進馬達 Stepping Motor	月眉 (擺梭) Shuttle Hook
	送料機構 Feed Mechanism	給油方式 Oil Lubrication System	最大車縫面積 Max. Stitch Area mm	資料儲存方式 Memory Medium	供給電源 Power		
	步進電機送料機構 Stepping Motor Feed Mechanism	集中油芯給油方式 Central Oil Wick Lubrication	40×30	EE-PROM (256K)	單相220V或三相220V(最大之電力消耗: 600VA) 1-Phase 220V Or 3-Phase 220V (Max.: 600VA)		
	最多之針數 Max. Stitches	資料儲存數量 Number Of Storage Data		X軸, Y軸的縮放比例 Enlarge & Reduce Facility			
	6000針(包含追加的3000針) 6000 Stitches	最多250個模樣(包括59組的 使用程式與追加的50個模樣) Max.: 250 Patterns		20%~200%			

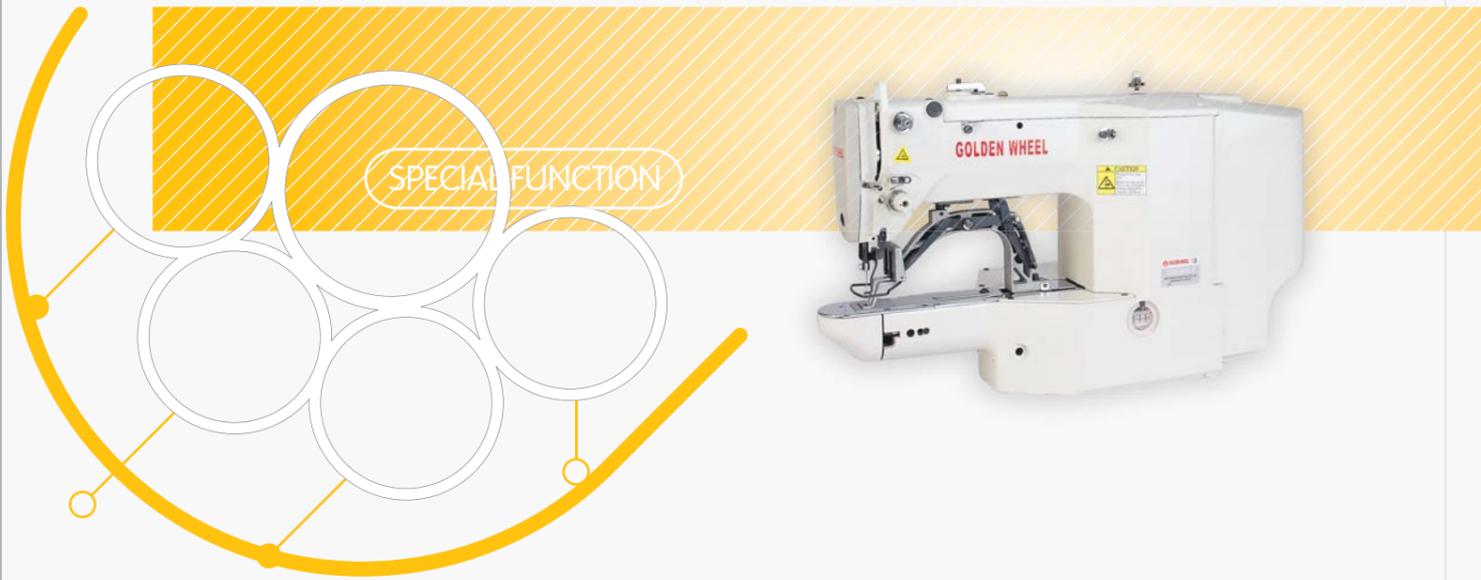
啓翔股份有限公司

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金輪牌工業用縫紉機
GOLDEN WHEEL



CSA - 3470 - 3

機型
Model:
高速單針筒型
High Speed, Single Needle,
Lockstitch, Cylinder-Bed

代碼說明
Code Description:
電腦控制式套結機
Electronic Tacking Machine

適用物料
Attachment:
1: 圓孔車帽孔用
For Eyelet Tacking
3: 套結機(薄~中厚料用)
Bartacking (For Light~ Medium Materials)
5: 套結機(厚料用)
Bartacking (For Heavy Materials)

特點 SPECIAL FEATURES

縫制速度可達3,200針/分鐘。
Sewing speed can reach 3.200 S.P.M..

特點 SPECIAL FEATURES

新開發設計的電子夾綫機構，可以防止縫綫鬆脫與鳥巢現象。
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特點 SPECIAL FEATURES

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The stepping motor control type of automatic presser foot lifting device.

特點 SPECIAL FEATURES

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According to different needs of thread tension, it can be pre-determined set up and used again, in order to improve the quality of sewing.

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押腳高低，可分段設定。
The lifting of presser foot could be pre-set up in different height.

特殊機構 / SPECIAL MECHANISM:

針棒部分與天平部分，採用無油之設計。
Needle bar & thread take-up lever: no need the oil lubrication system.

特殊機構 / SPECIAL MECHANISM:

旋梭部分，採用微油之設計。
Rotating hook: min. oil lubrication system.

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				X	Y			
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	05		29	10	2			
	13		35	10	2			
	15		42	10	2			
	04		30	16	2			
	01		42	16	2			
	For denim	06		29	16		3	2
		14		36	16		3	
16			43	16	3			
03			35	20	3			
02			42	20	3			
17			42	24	3			
18			56	24	3			
19			63	24	3			
28			65	38	3			
29			86	38	3			
30		108	38	3				
Half moon	41		35	26	6	9		
	42		35	33	5	10		
	43		40	36	7	11		
	80		32	33	6			
	81		26	31	6			
	82		35	28	6.5			
	Round bartacking	55		29	φ15		15	
	For the hole of cap	89		58	outer φ9	inner φ5	14	
		90		91				
91		98		outer φ8	inner φ1.6	13		
92		148						
93		164						
For knits	22		14	7	2	1		
	10		21	10	0	2		
	11		28	10	0			
	12		28	20	0	3		
	23		35	25	0			
	24		42	25	0			
	25		45	25	0			
Straight bar tacking								

CSA-3470 SERIES

高速單針筒型，電腦控制式套結機
High Speed, Single Needle, Lockstitch, Cylinder-Bed, Electronic Bartacking Machine.

- CSA-3470-1: 圓孔車(帽孔用) Eyelet Tacking
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規格/SPECIFICATIONS:

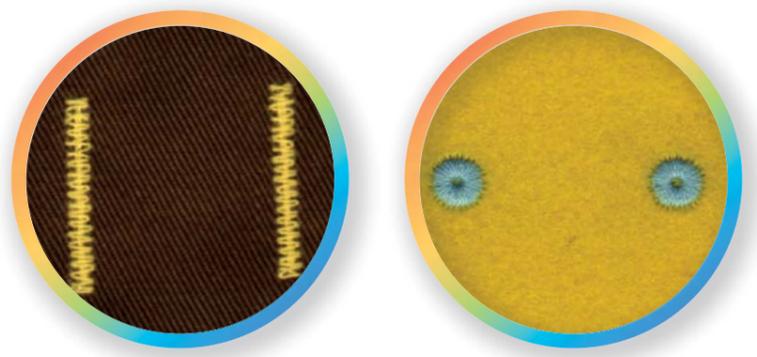
GOLDEN WHEEL

型號 Model	最大縫速 Max. Speed S.P.M.	使用針 Needle System	縫目長度 Stitch Length mm	押腳提升高度 Lift Of Presser Foot	馬達 Motor	押腳提升方式 Foot Lifting Way	使用釜 Hook
CSA-3470	3200	DP×5/DP×17, #14~#19 (Standard#19)	0.1~10.0 (0.1mm step)	Standard: 13mm Max: 17mm	550W伺服馬達 550W Servo Motor (Direct Driven)	步進馬達 Stepping Motor	月眉 (擺梭) Shuttle Hook
	送料機構 Feed Mechanism	給油方式 Oil Lubrication System	最大車縫面積 Max. Stitch Area mm	資料儲存方式 Memory Medium	供給電源 Power		
	步進電機送料機構 Stepping Motor Feed Mechanism	集中油芯給油方式 Central Oil Wick Lubrication	40×30	EE-PROM (256K)	單相220V或三相220V(最大之電力消耗: 600VA) 1-Phase 220V Or 3-Phase 220V (Max.: 600VA)		
	最多之針數 Max. Stitches	資料儲存數量 Number Of Storage Data		X軸, Y軸的縮放比例 Enlarge & Reduce Facility			
	6000針(包含追加的3000針) 6000 Stitches	最多250個模樣(包括59組的 使用程式與追加的50個模樣) Max.: 250 Patterns		20%~200%			

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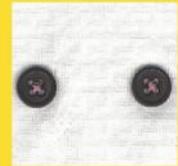
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金輪牌工業用縫紉機
GOLDEN WHEEL



CS-8151-558



Model CS-8151-558		S.P.M. 2,200	
Thread #30 ~ #80	Number Of Stitches 18 (standard)		
Amount Of Feed Horizontal: 2.5 ~ 6.5mm Vertical: 0 ~ 6.5mm		Foot Lift 13mm	
Needle Bar Stroke 45.7mm	Needle System DP×17, #11 ~ #16 (Standard: #14)		
Button size With the special button clamp jaw lever: ∅8 ~ 32mm		Standard: ∅10 ~ 20mm	

High-speed, single Needle, cylinder-bed, Lockstitch, Button Sewing Machine. (Cross Stitches)

Sewing with cross stitches. The great reduction of the pedaling pressure required has been achieved, helping reduce operator fatigue. The low-tension sewing can be performed & the reliable thread trimming is ensured, leading to further improved seam quality.

- The machine should be used when medium and heavy weight fabrics are sewn with thick thread, so this machine is suitable for button sewing of raincoats, men's and ladies' suits, work uniforms, etc..
- CS-8151-160: high-speed, single needle, cylinder-bed, lockstitch, button sewing machine. (for shank button)



CSA-3500-B



Model CSA-3500-B		S.P.M. 2,500 (According to the pattern)	Power 1-Phase 220V	Lift Of Presser Foot Standard: 13mm	Needle bar stroke 45.7mm
Foot Lifting way Pulse motor	Needle System DP×17, #14 ~ #19 (Standard #19)	Memory Medium Eeprom, Eprom		Thread #40 ~ #80	Application Button sewing
Feeding Function Feeding Intermittently (pulse motor with 2-shaft driven)		Stitch Length 0.1 ~ 10.0mm (0.1mm step)	Motor 750W Servo Motor (direct driven)		Oil Sewing machine's special oil
Wiper mechanism Presser foot lifting movement	Enlarge & Reduce facility 50 ~ 150%	Number of storage data 157 patterns	Maximum pattern size ∅8 ~ 32mm (Button size)		

High-speed, single Needle, Lockstitch, Cylinder-bed, Electronic Button Sewing Machine.

High-speed sewing:

The sewing speed in 2,500s.p.m. and realized high quality sewing.

- The other special features & specifications are same with CSA-3450 series.

CSK-7-03BC

全自動超聲波折圈機

Full automatic hyperbole
fold machine



金輪牌工業用縫紉機
GOLDEN WHEEL

GOLDEN WHEEL



特點 SPECIAL FEATURES

本機採用先進穩定器超聲波系統，熔切效果良好，切口手感不卡手，封口不散絲。Local use of advanced stabilizers super-acoustic system, fusion cutting effect is good, notches feel no gripper, sealing does not scatter.

本機採用新型直線電機技術，全面尺寸調節採用全數碼方式，調節方便。

Local use of new direct-line electronic technology, full-size adjustment of the number of ways, easy to adjust

使用人機對話方式控制清楚易見之7寸巨型全彩觸摸屏面。Use human dialogue to control the easy-to-see 7-inch giant full-color touch screen.

如何織帶柔軟均可，自身設計有發熱燙板，自動整理平順織帶。How to take soft software can be used, their own design has a hot board, self-organized flat.

超聲波力度強勁兼容厚薄帶料，可調功率輸出大小。Ultra-sound strength is strong compatible with thick and thin lead material, can adjust the power transfer out of the size.

CSK-7-03BC

全自動超聲波折圈機



電壓/Power AC 220V 10A

頻率/Frequency 20K Hz

自動追頻 20K Automatic frequency tracking

工作進度/Working speed 20-35條/分 pcs/min

機身尺寸/machine Dimention

長1030mm x 寬1320mm x 高1320mm

控制器/Controller

可編程序及支線電機 Microprocessor and

Feeder motor

氣源/Air 5KG/cm²

功率/Power 180W

發熱功率/Hot Power 100W

重量/weight 190KG

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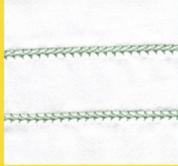
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CSL-1720



Model CSL-1720		S.P.M. 2,000
Foot Lift 5mm	Picot-stitch Width 3mm~5mm	
Needle System Picot-stitch needle: HA×1 Front piercer: PKG×8 Puncher: PKZ×1		
Needle Bar Stroke Picot-stitch needle & Front piercer: 33.4mm Puncher: 16.5mm		

Double Needle, Picot-Stitch,
Flatbed Sewing Machine.
(Rhombic hole)

Applied with the timing belt for connecting upper shaft and lower shaft, so even in high-speed running, the machine is still running smoothly & noiselessly.

The presser foot bar mechanism with special function of automatic lifting, so the machine is very suitable for the curve picot-stitching.

- High efficiency & wide usability for blouse, shirt, dress, necktie, towel, handkerchief, tablecloth, sheet, etc..

CSL-1720

P

Model

Double Needle,
Picot-stitch, Flatbed
Sewing Machine.

Code Description:

- : Rhombic Hole, Basic Type
- K: Rhombic Hole, With Rear Cutter
- P: Rhombic Hole, With Rear Puller
- PK: Rhombic Hole, With Rear Cutter & With Rear Puller

SPECIFICATIONS:

Model	 Max. Sewing Speed S.P.M.	 Lifting Of Presser Foot mm	 Needle Bar Stroke Picot-stitch Needle&Front Piercer mm	 Needle Bar Stroke Puncher mm	 Needle System Picot-stitch Needle	 Needle System Front Piercer	 Needle System Puncher	 Picot-stitch Width mm
CSL-1720	2000	5	33.4	16.5	HA×1	PKG×8	PKZ×1	3~5
CSL-1720P	2000	5	33.4	16.5	HA×1	PKG×8	PKZ×1	3~5
CSL-1720K	1500	5	33.4	16.5	HA×1	PKG×8	PKZ×1	3~5
CSL-1720PK	1500	5	33.4	16.5	HA×1	PKG×8	PKZ×1	3~5

CSL-1720P

Double Needle, Picot-stitch, Flatbed Sewing Machine. (Rhombic Hole, With Rear Puller)

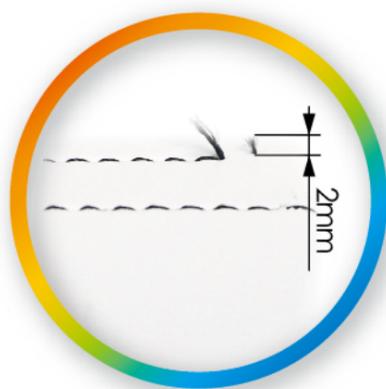
CSL-1720PK

Double Needle, Picot-stitch, Flatbed Sewing Machine. (Rhombic Hole, With Rear Cutter & Rear Puller)

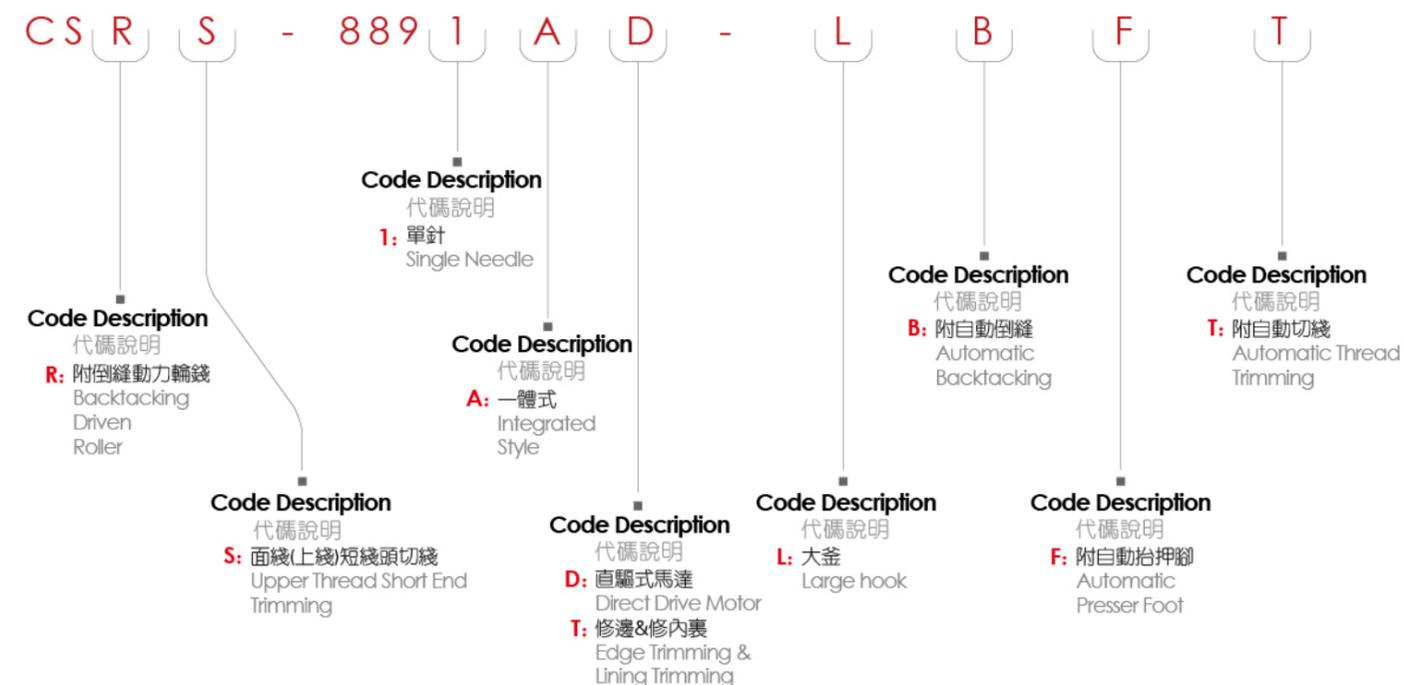
CSRS-8891AD-LBFT

直驅&一體式單針輸送高頭車(附自動倒縫&面綫(上綫)短綫頭切綫<面綫綫尾2mm>&抬押腳)(附倒縫動力輪錢)(大釜)

Direct Drive & Integrated Style, Single Needle Roller Feed Postbed Sewing Machine(Automatic Backtacking & Upper Thread Short End Trimming<upper thread end 2 mm> & Presser Foot Lifting)(Large Hook (Backtacking Driven Roller))



金輪牌工業用縫紉機
GOLDEN WHEEL



規格/SPECIFICATIONS:

GOLDEN WHEEL

型號 Model	最大縫速 Max. Speed	滾輪提升 Lifting Of Roller	最大縫目 Stitch Length	自動倒縫 Automatic Backtacking	自動切綫 Automatic Trimming	使用針 Needle System	修邊&修內裏 Edge Trimming & Lining Trimming
	S.P.M.	mm	mm				
CSRS-8891AD-BFT	2500	10	5.0	●	●	DP×5	
CSRS-8891D-BT	2500	10	5.0	●	●	DP×5	
CSRS-8891AD-T	2500	10	5.0	●	●	DP×5	●
CSRS-8891AD-B	2500	10	5.0	●	●	DP×5	
CSRS-8891AD-LBFT	2500	10	5.0	●	●	DP×5	
CSRS-8891AD-LBT	2500	10	5.0	●	●	DP×5	
CSRS-8891AD-LT	2500	10	5.0	●	●	DP×5	●
CSRS-8891AD-LB	2500	10	5.0	●	●	DP×5	

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可縫制鞋類
Suitable For Shoes



可縫制皮革
Suitable For Leather



可縫制靴類
Suitable For Boot



特點 SPECIAL FEATURES



針棒行程加長，可適應各種縫綫規格(#80/3~#15/3尼龍綫)
Extended needle bar stroke, it could be adapted to various specification of thread (#80/3~#15/3 nylon thread)

特點 SPECIAL FEATURES



可採用1.6倍容量大旋梭，可減少更換梭芯次數，提高縫制效率
Applied with 1.6 times capacity large hook, it could reduce the frequency of replacing the bobbin and improve the sewing efficiency.

特點 SPECIAL FEATURES



磁鐵吸附式LED燈，方便操作者調整照明位置
Equipped magnet sticking type LED lamp, operators can easily adjust the lighting position.

特點 SPECIAL FEATURES



直驅式馬達直接帶動主軸，減少摩擦損耗，提高能源效率
Equipped with direct drive motor to drive the main-shaft directly, reduced friction loss and improve the energy efficiency.

特點 SPECIAL FEATURES



機頭配置多功能按鍵：
1. 倒縫 2. 補針(針上/針下切換) 3. 安全開關
Machine head equipped with multifunctional button:
1.Backtacking 2. Correction stitch (half stitch operation) 3. Safty switch

特點 SPECIAL FEATURES



全新設計的面綫(上綫)短綫頭切綫機構，面綫綫尾2mm，不需要二次剪綫，有效的提高了生產效率。
New design of upper thread short end trimming, upper thread end 2 mm, no need second cutting thread, effectively improve the production efficiency.

特點 SPECIAL FEATURES



直驅&一體式之設計，更節能&更有效率。
Direct drive & integrated type of design, more energy saving & more efficiency.

特點 SPECIAL FEATURES



配備有倒縫動力輪錢，回縫針距長短一致”絕無錯位”
Equipped with backtacking driven roller, reverse stitch is stitch in stitch “no mismatch”.

特點 SPECIAL FEATURES



全新設計的低噪音倒縫機構，可提高縫制效率。
The new design of low noise backtacking devise can improve the efficiency of sewing.



CSU-4150

Single Needle, Flatbed Sewing Machine, With Unison Feed. (Large hook)(With reverse stitch)



Model No. CSU-4150		S.P.M. 2,000
Max.Stitch Length 9mm	Lift Of Foot Presser (Knee) 16mm	
Needle System DP X 17 #22 (#19~#22)	Needle Bar Stroke 36mm	
Alternating Movement 2~5mm		

These machines are equipped with walking foot, needle feed and feed dog, all of which act completely in unison. Consequently, the upper or lower sewing material does not slip and also these machines can sew accurately and easily several sheets of heavy-weight materials piled up together.

- Automatic lubrication system, smooth and quiet running, easy maintenance.
- Large hook to assure high efficiency, perfect stitch.
- These machines are best suited for sewing tents, seats, cushions, bags, slipper, leather products, interior furnishings of automobiles, etc..

CSU-4150



Model:

CSU-4150:

Single Needle, Flatbed Sewing Machine, With Unison Feed (Large hook) (With Reverse Stitch)

CSU-4101:

Single Needle, Flatbed Sewing Machine, With Unison Feed. (Large hook) (Without Reverse Stitch)

BFT



Code Description:

BT: Automatic Undertrimming & Automatic Backtacking

BFT: Automatic Undertrimming & Automatic Backtacking & Automatic Presser Foot Lifting

SPECIFICATIONS:

Model No.	 Max. Sewing Speed S. P. M.	 Lifting Of Presser Foot (Knee) mm	 Max. Stitch Length mm	 Needle Bar Stroke mm	 Needle System	 Automatic Presser Foot Lifting	 Automatic Undertrimming	 Automatic Backtacking
CSU-4101	2000	16	9	36	DP×17 #22			
CSU-4150	2000	16	9	36	(#19~#22)			
CSU-4150BT	2000	16	9	36	DP×17 #22			
CSU-4150BFT	2000	16	9	36	(#19~#22)			

CSU-4150BT

Single Needle, Flatbed Sewing Machine, With Unison Feed.(With automatic undertrimming & backtacking)(Large hook, for heavy materials)

- Applied with the new style of automatic undertrimming mechanism, the undertrimming result is more perfect.
- Applied with the automatic backtacking device: the backtacking only with gentle press on the backtacking switch, easy operation and could increase the sewing quality & efficiency.

CSU -4150BFT

Single Needle, Flatbed Sewing Machine, With Unison Feed.(With automatic undertrimming & backtacking & presser foot lifting)(Large hook, for heavy materials)

- With Automatic Presser Foot Lifting, easy operation, could increase the sewing efficiency.
- The other special features are as CSU-4150BT.



CSU-4250

Double Needle, Flatbed Sewing Machine, With Unison Feed. (Large hook).



Model No. CSU-4250		S.P.M. 2,000	
Max.Stitch Length 9mm	Lift Of Foot Presser (Knee) 16mm		
Needle System DP × 17 #22 (#19~#22)	Needle Bar Stroke 36mm		
Alternating Movement 2~5mm			

These machines are equipped with walking foot, needle feed and feed dog, all of which act completely in unison. Consequently, the upper or lower sewing material does not slip and also these machines can sew accurately and easily several sheets of heavy-weight materials piled up together.

- Standard needle gauge: 6.4 mm.
- Automatic lubricating system, smooth and quiet running, easy maintenance.
- Large hook to assure high efficiency, perfect stitch.
- These machines are best suited for sewing tents, seats, cushions, bags, leather products, interior furnishings of automobiles, etc..

CSU-4250



Model:

CSU-4250:

Double Needle, Flatbed Sewing Machine, With Unison Feed. (Large hook)

CSU-4250SM:

Double Needle, Flatbed Sewing Machine, With Unison Feed. (Large hook) (With Smocking Mechanism)

BFT



Code Description:

BT: Automatic Undertrimming & Automatic Backtacking

BFT: Automatic Undertrimming & Automatic Backtacking & Automatic Presser Foot Lifting

SPECIFICATIONS:

Model No.	 Max. Sewing Speed S. P. M.	 Lifting Of Presser Foot (Knee) mm	 Max. Stitch Length mm	 Needle Bar Stroke mm	 Needle System	 Automatic Presser Foot Lifting	 Automatic Undertrimming	 Automatic Backtacking
CSU-4250	2000	16	9	36	DP×17 #22			
CSU-4250BT	2000	16	9	36	(#19~#22)			
CSU-4250BFT	2000	16	9	36	DP×17 #22			
CSU-4250SM-BT	2000	16	9	36	(#19~#22)			

CSU-4250BFT



Double Needle, Flatbed Sewing Machine, With Unison Feed.(With automatic undertrimming & backtacking & presser foot lifting)(Large hook, for heavy materials)

- Applied with the new style of automatic undertrimming mechanism, the undertrimming result is more perfect.
- Applied with the automatic backtacking device: the backtacking only with gentle press on the backtacking switch, easy operation and could increase the sewing quality & efficiency.
- With Automatic Presser Foot Lifting, easy operation, could increase the sewing efficiency.

CSU-4250SM-BT



Double Needle, Flatbed Sewing Machine, With Unison Feed.(With automatic undertrimming & backtacking, smocking mechanism)(Large hook, for heavy materials)

- Applied with the new style of automatic undertrimming mechanism, the undertrimming result is more perfect.
- Applied with the automatic backtacking device: the backtacking only with gentle press on the backtacking switch, easy operation and could increase the sewing quality & efficiency.
- With Smocking Mechanism, for sewing functional and ornamental seams.