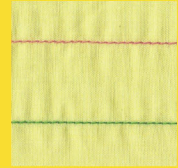




## CS-5100N-2T

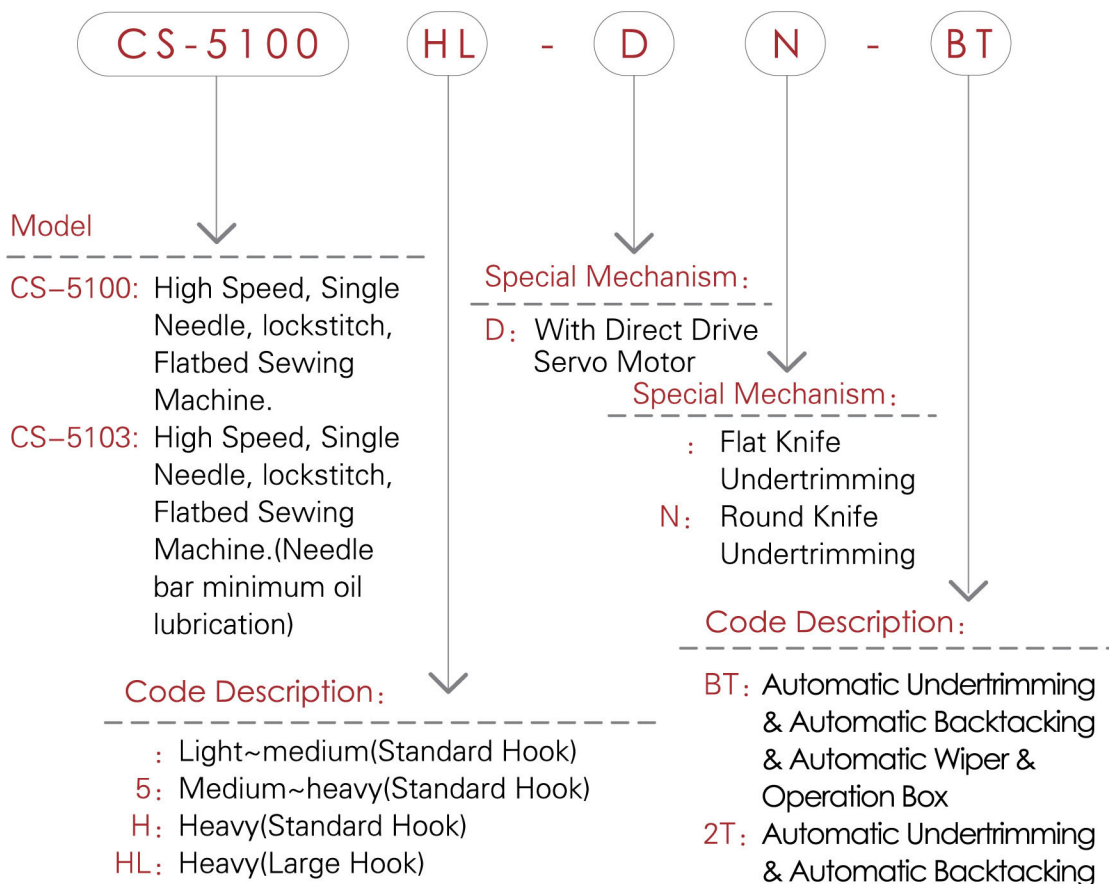


Model CS-5100N-2T	S.P.M. 5,000
Max. Stitch Length 4mm	Lift Of Presser Foot (Hand/Knee) 5.5mm/13mm
Needle System DB×1 #14 (#9 ~ #18)	
Needle Bar Stroke 30.5mm	Thickness Of The Sewn Products Light~Medium












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.

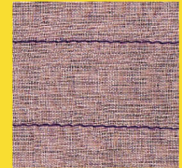


## SPECIFICATIONS:

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)					Light~Medium	Standard Hook
CS-5103D-2T	4500	5.5/13	4	30.7		●	●				
CS-5103D-BT	4500	5.5/13	4	30.7		●	●	●	●		



## CS-5170S-2T



Model <b>CS-5170S-2T</b>	S.P.M. <b>5,000</b>
Max. Stitch Length <b>4.2mm</b>	Lift Of Presser Foot (Hand/Knee) <b>6mm/16mm</b>
Needle System <b>DBx1 (#11)</b>	Needle Bar Stroke <b>29mm</b>
Thickness Of The Sewn Products <b>Light &amp; Material difficult to sew</b>	
Lubrication <b>Minimum Lubrication</b>	Rotary Hook <b>Minimum Lubrication</b>

Direct Drive, Single Needle, Lockstitch, flatbed Sewing Machine. (Minimum Lubrication)(Undertrimming & Automatic Backtacking)( For Light & materials difficult to sew)

Direct drive mechanism provide an excellent performance and suitable for various materials.

- Sewing operations are free from the problem of smeary materials.
- Save electricity with economical design.
- Easy to operate and maintain with low noise and slight shake.

CS-5170

Model

Direct Drive, Single Needle, Lockstitch, Flatbed Sewing Machine. (Minimum Oil Lubrication) (Automatic Undertrimming)

S

Code Description:












S: Light & Material difficult to sew  
M: Medium  
H: Heavy

2T

Code Description:

BT: Automatic Undertrimming & Automatic Backtacking & Automatic Wiper & Operation Box  
2T: Automatic Undertrimming & Automatic Backtacking

## 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-5170S-2T	5000	6/16	4.2	29	DB×1 #11 (#9~#11)	○	○			Light	Standard Hook
CS-5170S-BT	5000	6/16	4.2	29	DB×1 #11 (#9~#11)	○	○	○	○		
CS-5170M-2T	5000	6/16	5	31	DB×1 #14 (#11~#18)	○	○			Medium	Standard Hook
CS-5170M-BT	5000	6/16	5	31	DB×1 #14 (#11~#18)	○	○	○	○		
CS-5170H-2T	4500	6/16	5	35	DB×1 #14 (#19~#22)	○	○			Heavy	Standard Hook
CS-5170H-BT	4500	6/16	5	35	DB×1 #14 (#19~#22)	○	○	○	○		

### CS-5170H-BT



Direct Drive, Single Needle, Lockstitch, Flatbed Sewing Machine. (Minimum Lubrication) (For Heavy Materials) (With Automatic Undertrimming & Automatic Backtacking & Automatic Wiper & Operation Box )

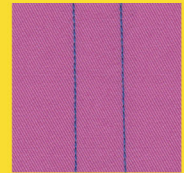
### CS-5170M-BT



Direct Drive, Single Needle, Lockstitch, Flatbed Sewing Machine. (Minimum Lubrication) (For Medium materials) (With Automatic Undertrimming & Automatic Backtacking & Automatic Wiper & Operation Box )



## CS-5150



Model <b>CS-5150</b>	S.P.M. <b>3,500</b>
Max. Stitch Length <b>7mm</b>	Lift Of Presser Foot (Hand/Knee) <b>6mm/13mm</b>
Needle System <b>DB×1 #22 (#19~#23)</b>	
Needle Bar Stroke <b>35mm</b>	Thickness Of The Sewn Products <b>HEAVY MATERIAL</b>

Single Needle, Lockstitch, Flatbed Sewing Machine. (Standard hook) (For Heavy materials)

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.

CS-5150

S

-

BT

Model

Single Needle, Lockstitch, Flatbed Sewing Machine.












Code Description:

S: Standard Hook (Light~medium Material)  
: Standard Hook (Heavy material)  
L: Large hook (Heavy material)

Code Description:

BT: Automatic Undertrimming & Automatic Backtacking

**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-5150S	4500	6/13	5	30.5	DB×1 #14 (#9~#18)					Light~Medium	Standard Hook
CS-5150S-BT	4500	6/13	5	30.5	DB×1 #14 (#9~#18)	●	●	●	●	Light~Medium	Standard Hook
CS-5150	3500	6/13	7	35	DB×1 #22 (#19~#23)					Heavy	Standard Hook
CS-5150BT	3500	6/13	7	35	DB×1 #22 (#19~#23)	●	●	●	●	Heavy	Standard Hook
CS-5150L	3000	6/13	7	35	DB×1 #22 (#19~#23)					Heavy	Large Hook
CS-5150L-BT	3000	6/13	7	35	DB×1 #22 (#19~#23)	●	●	●	●	Heavy	Large Hook

**CS-5150BT**



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

- Applied with the round knife type of automatic undertrimming mechanism, the undertrimming result is more perfect.

**CS-5150L-BT**



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

- Applied with the round knife type of automatic undertrimming mechanism, the undertrimming result is more perfect.
- Applied with large hook, it could reduce the consumption of thread, and increase the sewing efficiency.



## CS-7500

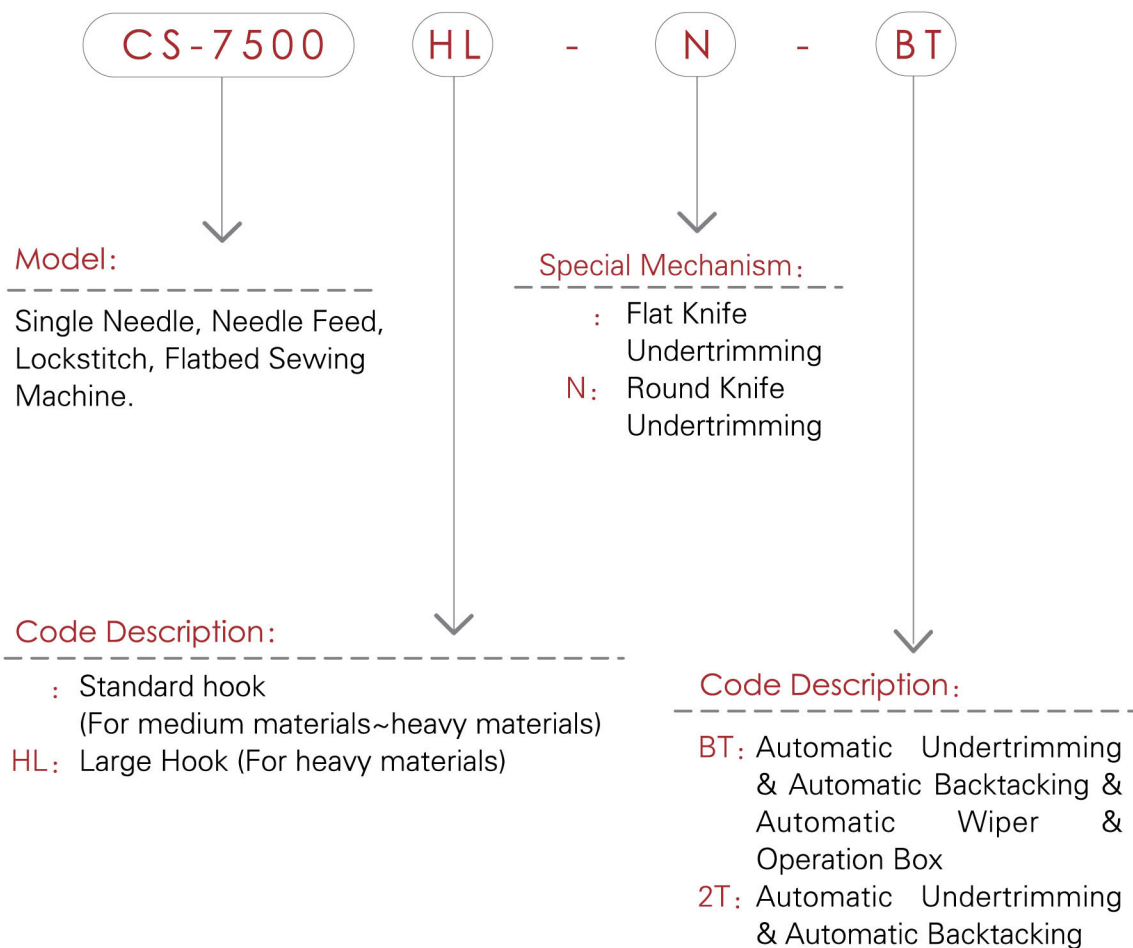


Model <b>CS-7500</b>	S.P.M. <b>4,000</b>
Max. Stitch Length <b>5mm</b>	Lift Of Presser Foot (Hand/Knee) <b>5.5mm/13mm</b>
Needle System <b>DB×1 #14 (#11~#18)</b>	
Needle Bar Stroke <b>31.5mm</b>	Thickness Of The Sewn Products <b>Medium-heavy</b>












Single Needle, Needle Feed, Lockstitch, Flatbed Sewing Machine. (Standard hook)

Needle feed mechanism synchronously moves with lower drop feed, ensures fine and non twisted seams from slippery or difficult to feed materials.

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



**SPECIFICATIONS:**

Model	 Max. Sewing Speed S.P.M. mm	 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-7500	4000	5.5/13	5	31.5							
CS-7500BT	4000	5.5/13	5	31.5		●	●	●	●		
CS-7500-2T	4000	5.5/13	5	31.5	DB×1 #14 (#11~#18)	●	●			Medium~heavy	Standard Hook
CS-7500N-BT	4000	5.5/13	5	31.5		●	●	●	●		
CS-7500N-2T	4000	5.5/13	5	31.5		●	●				
CS-7500HL	3000	5.5/13	5	33	DB×1 #21 (#19~#23)					Heavy	Large Hook
CS-7500HLN-BT	3000	5.5/13	5	33		●	●	●	●		
CS-7500HLN-2T	3000	5.5/13	5	33		●	●				

**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 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)

- Applied with the Round Knife 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-5200



Model <b>CS-5200</b>	S.P.M. <b>4,500</b>
Max.Stitch Length <b>5mm</b>	Lift Of Presser Foot (Hand/Knee) <b>4mm/10mm</b>
Needle System <b>DB×1 (#9~#14)#14</b>	
Needle Bar Stroke <b>30.7mm</b>	Max.Thickness Of The Material To Be Cut <b>4mm</b>

**Single Needle, Lockstitch, Flatbed Sewing Machine With Edge Cutter.**

The highly efficient lockstitch machine which assures the consistent quality of finished seams comes with the edge cutter capable of cutting various types of material.

The edge cutter can be attached by simply pressing the presser plate on the machine arm. The edge cutter is removed also by the simple operation of the knob. Thus the type of stitching, such as with or without the edge cutter, can be changed with ease.

- The distance between the needle and the edge cutter can be changed by the simple change of the sub-gauges.
- The distance between the needle and the edge cutter: 3.2mm (standard).  
(Optional sub-gauges: 2.4mm, 4.0mm, 4.8mm, 6.4mm, 9.5mm)



## CS-5200BT



Model <b>CS-5200BT</b>	S.P.M. <b>4,500</b>
Max.Stitch Length <b>5mm</b>	Lift Of Presser Foot (Hand/Knee) <b>4mm/10mm</b>
Needle System <b>DB×1 (#9~#14)#14</b>	
Needle Bar Stroke <b>30.7mm</b>	Max.Thickness Of The Material To Be Cut <b>4mm</b>

**Single Needle, Lockstitch, Flatbed Sewing Machine With Edge Cutter (With automatic undertrimming & backtacking & wiper & operation box).**

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-5200



## CS-5200-2T



Model <b>CS-5200-2T</b>	S.P.M. <b>4,500</b>
Max.Stitch Length <b>5mm</b>	Lift Of Presser Foot (Hand/Knee) <b>4mm/10mm</b>
Needle System <b>DB×1 (#9~#14) #14</b>	
Needle Bar Stroke <b>30.7mm</b>	Max.Thickness Of The Material To Be Cut <b>4mm</b>

**Single Needle, Lockstitch, Flatbed Sewing Machine With Edge Cutter. (With automatic undertrimming & backtacking )**

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-5200



## CS-5220



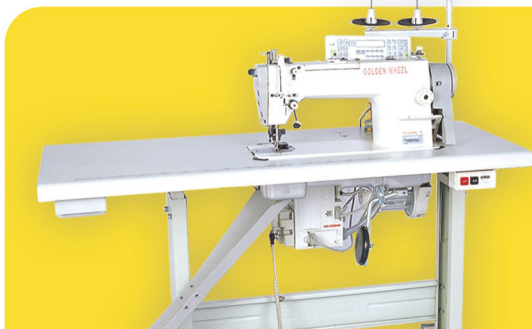
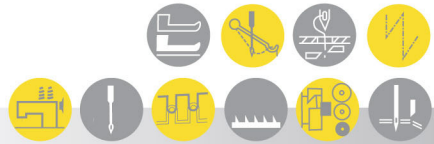
Model <b>CS-5220</b>	S.P.M. <b>4,500</b>
Max.Stitch Length <b>4mm</b>	Lift Of Presser Foot (Hand/Knee) <b>6mm/13mm</b>
Needle System <b>DB × 1 #14 (#9~#18)</b>	
Needle Bar Stroke <b>30.7mm</b>	Max.Thickness Of The Material To Be Cut <b>4mm</b>

**Single Needle, Lockstitch, Flatbed Sewing Machine With Edge Cutter.**

The highly efficient lockstitch machine which assures the consistent quality of finished seams comes with the edge cutter capable of cutting various types of material.

It is easy to attach or remove the edge cutter during sewing. The stitching with or without edge cutter could be changed with ease.

- The distance between the needle and the edge cutter can be changed by the simple change of the sub-gauges.
- The distance between the needle and the edge cutter: 3.2mm (standard).  
(Optional sub-gauges: 2.4mm, 4.0mm, 4.8mm, 6.4mm, 9.5mm)



## CS-5220BT



Model <b>CS-5220BT</b>	S.P.M. <b>4,500</b>
Max.Stitch Length <b>4mm</b>	Lift Of Presser Foot (Hand/Knee) <b>6mm/13mm</b>
Needle System <b>DB x 1#14 (#9~#18)</b>	
Needle Bar Stroke <b>30.7mm</b>	Max.Thickness Of The Material To Be Cut <b>4mm</b>

**Single Needle,Lockstitch, Flatbed Sewing Machine With Edge Cutter .(With automatic undertrimming & backtacking & wiper & operation box)**

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-5220



## CS-5220-2T



Model <b>CS-5220-2T</b>	S.P.M. <b>4,500</b>
Max.Stitch Length <b>4mm</b>	Lift Of Presser Foot (Hand/Knee) <b>6mm/13mm</b>
Needle System <b>DB x 1#14 (#9~#18)</b>	
Needle Bar Stroke <b>30.7mm</b>	Max.Thickness Of The Material To Be Cut <b>4mm</b>

**Single Needle,Lockstitch, Flatbed Sewing Machine With Edge Cutter. (With automatic undertrimming & backtacking )**

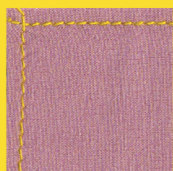
Applied with the new type of automatic undertrimming mechanism, the undertrimming result is more perfect.It could reduce the consumption of thread, and increase the sewing efficiency.

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-5220



# CS-7520



Model <b>CS-7520</b>	S.P.M. <b>4,500</b>
Max.Stitch Length <b>5mm</b>	Lift Of Presser Foot (Hand/Knee) <b>4mm/10mm</b>
Needle System <b>DB×1 (#9~#14)#14</b>	
Needle Bar Stroke <b>30.7mm</b>	Max.Thickness Of The Material To Be Cut <b>4mm</b>

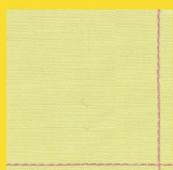
Single Needle, Needle Feed, Lockstitch, Flatbed Sewing Machine. (With Edge Cutter).

The highly efficient lockstitch machine which assures the consistent quality of finished seams comes with the edge cutter capable of cutting various types of material. Needle feed mechanism synchronously moves with lower drop feed, ensures fine and non twisted seams from slippery or difficult to feed materials.

- The distance between the needle and the edge cutter can be changed by the simple change of the sub-gauges.
- The distance between the needle and the edge cutter: 3.2mm (standard). (Optional sub-gauges: 2.4mm, 4.0mm, 4.8mm, 6.4mm, 9.5mm)



# CS-7520BT



Model <b>CS-7520BT</b>	S.P.M. <b>4,500</b>
Max.Stitch Length <b>5mm</b>	Lift Of Presser Foot (Hand/Knee) <b>4mm/10mm</b>
Needle System <b>DB×1 (#9~#14)#14</b>	
Needle Bar Stroke <b>30.7mm</b>	Max.Thickness Of The Material To Be Cut <b>4mm</b>

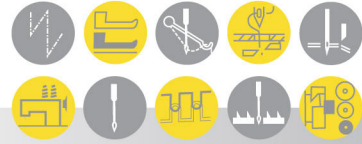
Single Needle, Needle Feed, Lockstitch, Flatbed Sewing Machine. (With Edge Cutter) (With automatic undertrimming & backtacking & wiper & operation box).

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.

Needle feed mechanism synchronously moves with lower drop feed, ensures fine and non twisted seams from slippery or difficult to feed materials.

- The other special features are as CS-7520



## CS-7520-2T



Model <b>CS-7520-2T</b>	S.P.M. <b>4,500</b>
Max. Stitch Length <b>5mm</b>	Lift Of Presser Foot (Hand/Knee) <b>4mm/10mm</b>
Needle System <b>DB×1 #14 (#9~#18)</b>	
Needle Bar Stroke <b>30.7mm</b>	Max. Thickness Of The Material To Be Cut <b>4mm</b>

Single Needle, Needle Feed, Lockstitch, Flatbed Sewing Machine. (With Edge Cutter) (With automatic undertrimming & backtacking).

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.

Needle feed mechanism synchronously moves with lower drop feed, ensures fine and non twisted seams from slippery or difficult to feed materials.

- The other special features are as CS-7520



## CS-5850



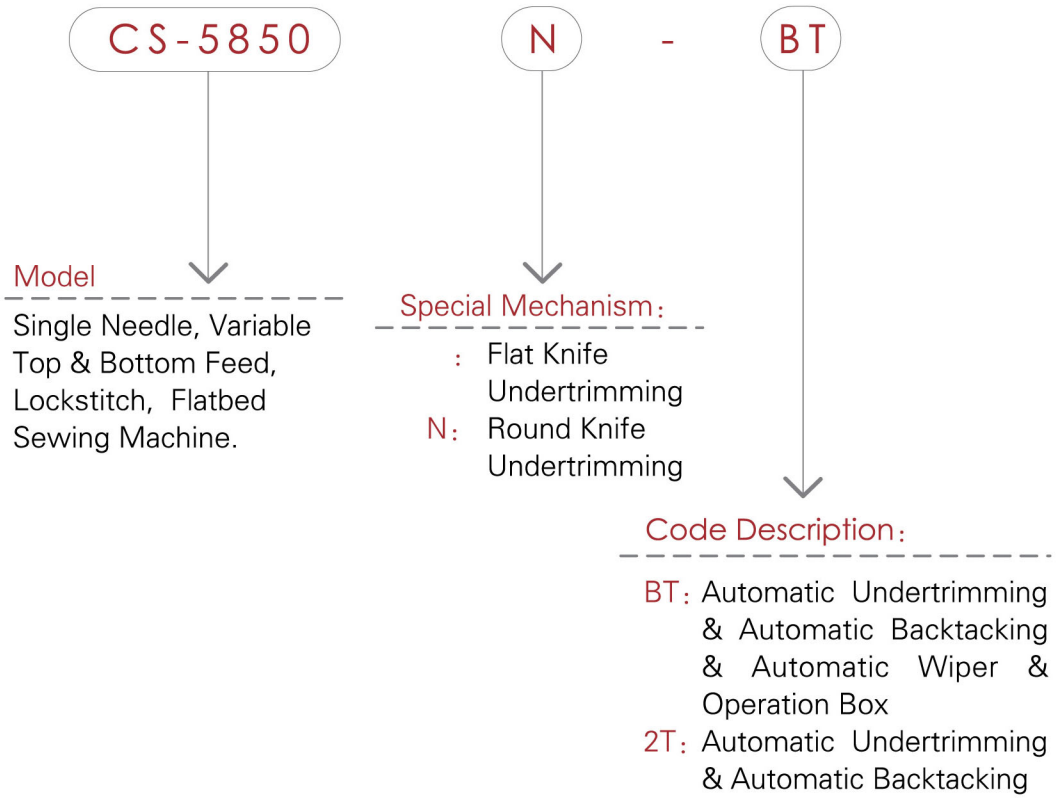
Model <b>CS-5850</b>	S.P.M. <b>4,500</b>
Max. Stitch Length <b>5mm</b>	Lift Of Presser Foot (Hand/Knee) <b>5.5mm/13mm</b>
Needle System <b>DB×1 #14 (#9~#18)</b>	
Max. Top Feed <b>8mm</b>	

Single Needle, Variable Top & Bottom Feed, Lockstitch, Flatbed Sewing Machine.

Applied with the variable top & bottom feed, ensures fine and non twisted seams from slippery or difficult to feed materials. It is suitable for gathering (fullness) stitching also.

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 the machine.



**SPECIFICATIONS::**

Model	Max. Sewing Speed S.P.M.	Lifting Of Presser Foot (Hand/knee) mm	Max. Stitch Length mm	Needle System	Automatic Undertrimming	Automatic Backtacking	Automatic Wiper	Operation Box	Thickness Of The Sewn Products	Hook System
CS-5850	4500	5.5/13	5	DB×1 #14 (#9~#18)					Light~Medium	Standard Hook
CS-5850BT	4500	5.5/13	5		●	●	●	●		
CS-5850-2T	4500	5.5/13	5		●	●				
CS-5850N-BT	4500	5.5/13	5		●	●	●	●		
CS-5850N-2T	4500	5.5/13	5		●	●				