

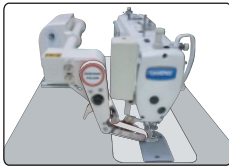


SUNGWOO PULLER

32-8, Eulji-ro 27-gil, Jung-gu, Seoul, Korea

TEL : 82-2-2266-9767 / FAX : 82-2-2278-2916 / e-mail : psk0201@naver.com

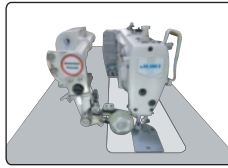
DBP-Digital Puller Series



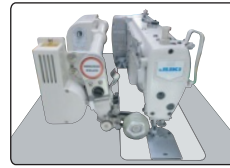
DBP-8500R



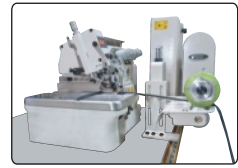
DBP-8700R



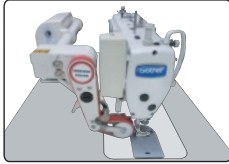
DBP-(LR)



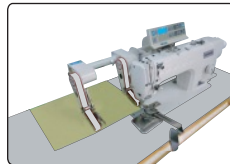
ESP-ST-L(R)



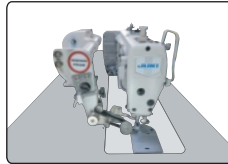
ESP-OV/L-F



DBP-8600R



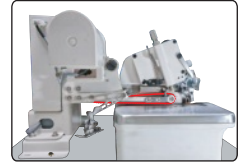
DBP-8800R



DBP-(SR)



ESP-OV/L



ESP-OV/S

- DBP-디지털 PULLER 특징 / DBP-Digital PULLER Feature / DBP-Digital PULLER 特征

◎ 퍼커링 방지에 탁월한 기능을 갖고 있는 기능성 감속기 / Special function's puller for the puckering / 防止起皱的功能性拖轮

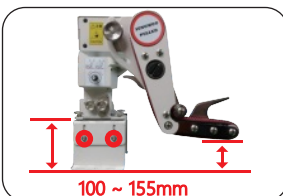
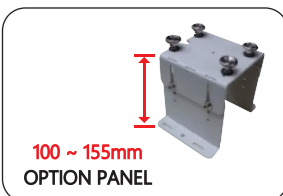
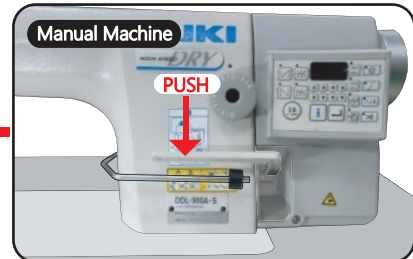
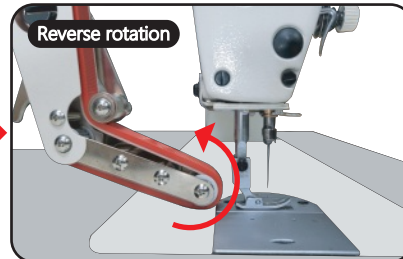
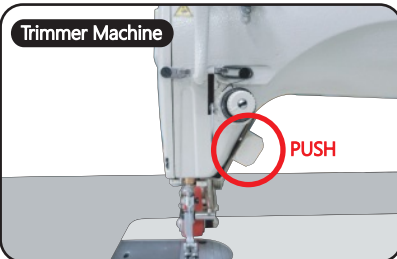
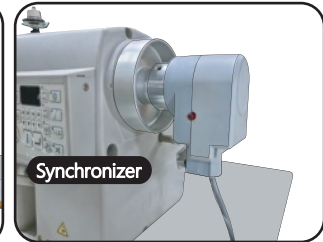
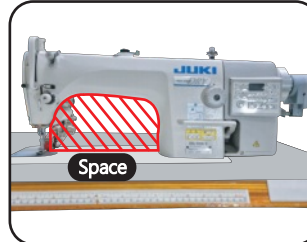
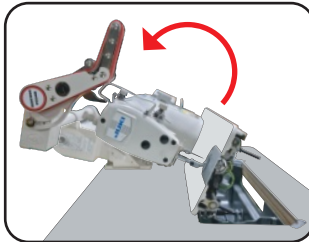
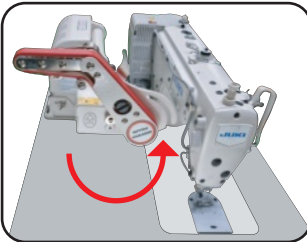
◎ 미싱 테이블에 전용 판넬을 사용하여 설치가 간편 / Easy installation (It can be installed on the plate on the table by its plate) / 独立的固定底盘, 安装简单

◎ DBP-8500R 모델은 세계에서 처음으로 독립된 기능을 가지고 있는 감속기이며, 어느 기종에도 설치가 간편

- The DBP-8500R puller can be installed any kind of sewing machine without any problem

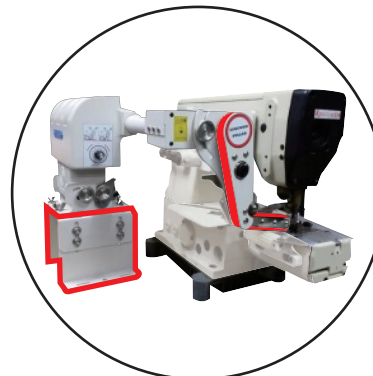
- DBP-8500R型号的拖轮是首款独立驱动的电子拖轮, 适用于市面上的所有缝纫机

- 기능 / function / 功能



Installed on different sewing machines

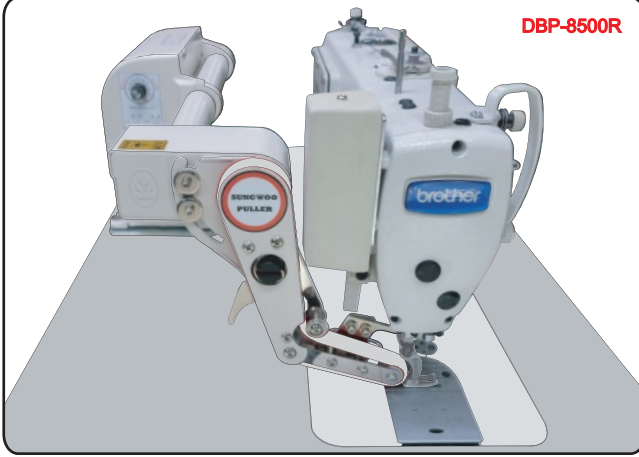
Sylinder & Flat bed Type



◎ 옵션판넬을 이용하면 다른 기종에도 응용 설치 할 수 있습니다.

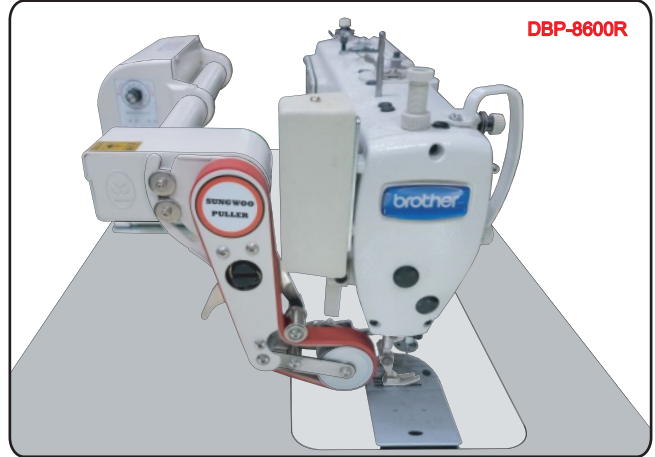
- It can be installed any advanced model with options.

- 使用抬升固定板, 可安装于其他特殊机型



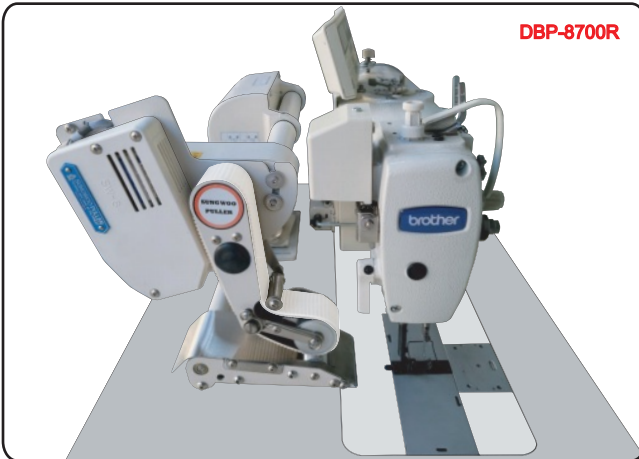
DBP-8500R

- ◎ **본봉, 쌍침용 감속기** (다이렉트 드라이브 미싱에 적합)
- MODEL : DBP-8500R (For 1-Needle, 2-Needle)
- ◎ 디지털 감속기 / Digital Puller
- ◎ 벨트 롤러 사이즈 : 외경 25Φ, 폭 12, 18, 30, 40mm
- Belt Roller Size : External diamete 25Φ, Width 12, 18, 30, 40mm



DBP-8600R

- ◎ **본봉, 쌍침용 감속기** (다이렉트 드라이브 미싱에 적합)
- MODEL : DBP-8600R (For 1-Needle, 2-Needle)
- ◎ 디지털 감속기 / Digital Puller
- ◎ 롤러 벨트 사이즈 : 외경 50Φ, 폭 12, 18, 30, 40mm
- Roller Size : External diamete 50Φ, Width 12, 18, 30, 40mm

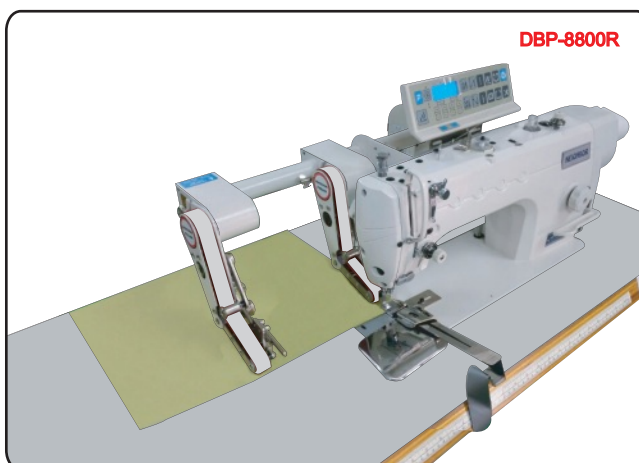


DBP-8700R

- ◎ **본봉, 쌍침용 감속기** (상, 하 구동 감속기) 랍바용에 적합
- MODEL : DBP-8700R / Dual (Up & Down) Position
- ◎ 디지털 감속기 / Digital Puller
- ◎ 롤러 사이즈 : 외경 50Φ, 폭 40mm
- Roller Size : External diamete 50Φ, Width 40mm

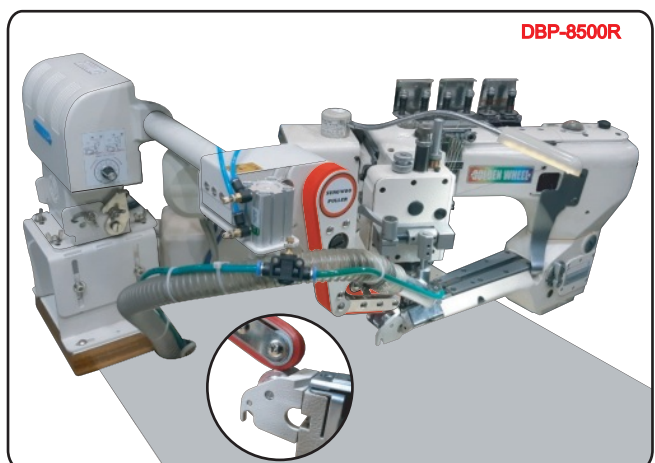
◎ DBP-8700R

- 상, 하 롤러가 같이 당기는 디지털 감속기이며, 이불 랍바 작업시 테이프가 꼬이거나 밀지리 않도록 제작된 감속기 입니다.
- 기계에 노루발을 들때 감속기 롤러도 같이 올라 갑니다.
- DBP-8700R PULLER, Dual drive roller working on same direction.
- The puller designed to prevent the tape from being twisted or pushed when working with wide quilt. The roller will come up automatically when the presser foot lifted.



DBP-8800R

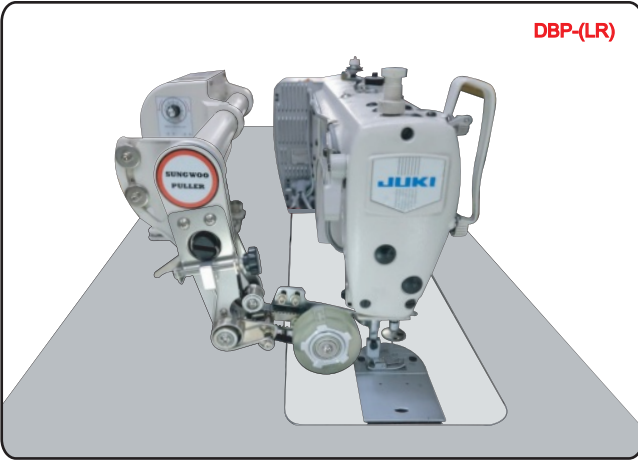
- ◎ **본봉, 쌍침용 감속기** (다이렉트 드라이브에 적합)
- MODEL : DBP-8800R / Dual (Up & Down) Position
- ◎ 디지털 감속기 / Digital Puller
- ◎ 롤러 벨트 사이즈 : 외경 25Φ, 폭 12, 18mm
- Roller Size : External diamete 25Φ, Width 12, 18mm



DBP-8500R

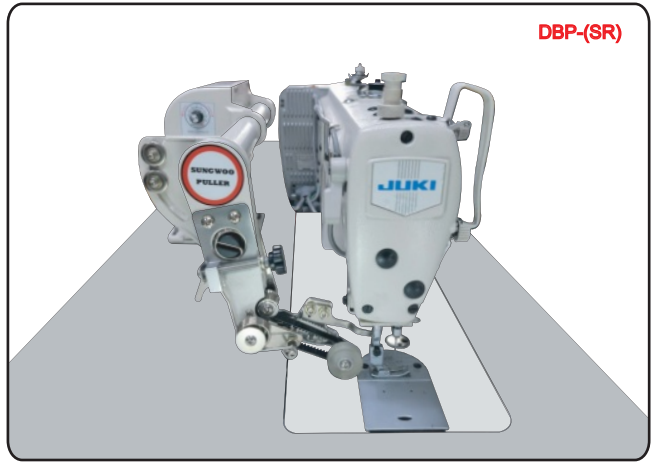
- ◎ **오드램프용 감속기**
- MODEL : DBP-8500R (For Flatseamer sewing machine)
- ◎ 디지털 감속기 / Digital Puller
- ◎ 롤러 사이즈 : 외경 25Φ, 폭 12mm
- Roller Size : External diamete 25Φ, Width 12mm
- ◎ 옵션 : 높낮이 판넬, 밀틀러
- OPTION : High and low panel, Lower Roller

DBP-(LR)



- ◎ 본봉, 쌍침용 감속기 (다이렉트 드라이브 미싱에 적합)
- MODEL : DBP-(LR) (For 1-Needle, 2-Needle)
- ◎ 디지털 감속기 / Digital Puller
- ◎ 롤러 사이즈 : 외경 57Φ, 폭 12, 18, 30, 50mm
- Roller Size : External diamete 57Φ, Width 12, 18, 30, 50mm

DBP-(SR)



- ◎ 본봉, 쌍침용 감속기 (다이렉트 드라이브 미싱에 적합)
- MODEL : DBP-(SR) (For 1-Needle, 2-Needle)
- ◎ 디지털 감속기 / Digital Puller
- ◎ 롤러 사이즈 : 외경 30Φ, 폭 12, 18mm
- Roller Size : External diamete 30Φ, Width 12, 18mm

ESP-OV/L



- ◎ 인타 & 오바용 감속기
- MODEL : ESP-OV/L (Puller For Over & Interlock)
- ◎ 디지털 감속기 / Digital Puller
- ◎ 롤러 사이즈 : 외경 57Φ, 폭 50mm
- Roller Size : External diamete 57Φ, Width 50mm

ESP-OV/L-F



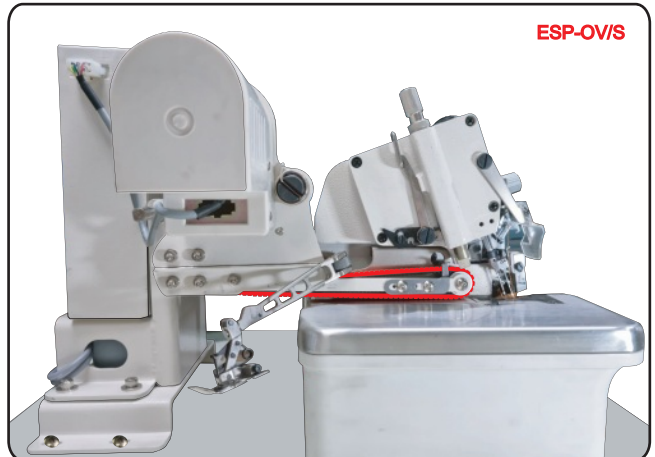
- ◎ 오바 & 인타 스파게티용 감속기
- MODEL : ESP-OV/L-F (Spaghetti Puller For Over & Interlock)
- ◎ 디지털 감속기 / Digital Puller
- ◎ 롤러 사이즈 : 외경 57Φ, 폭 50mm
- Roller Size : External diamete 57Φ, Width 50mm

ESP-OV/L-F

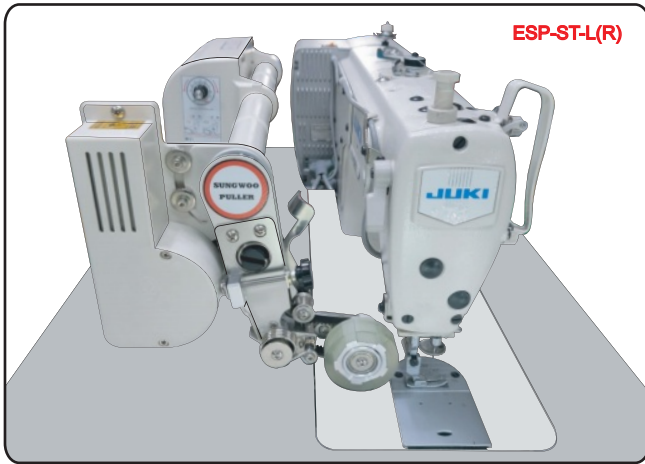


- ◎ 본봉 스파게티용 감속기
- MODEL : ESP-OV/L-F (Spaghetti Puller For 1-Needle)
- ◎ 디지털 감속기 / Digital Puller
- ◎ 롤러 사이즈 : 외경 57Φ, 폭 50mm
- Roller Size : External diamete 57Φ, Width 50mm

ESP-OV/S



- ◎ 오바 & 인타용 감속기
- MODEL : ESP-OV/S (Puller For Over & Interlock)
- ◎ 디지털 감속기 / Digital Puller
- ◎ 벨트 롤러 사이즈 : 외경 23mm, 폭 11mm
- Belt Roller Size : External diamete 23mm, Width 11mm



ESP-ST-L(R)

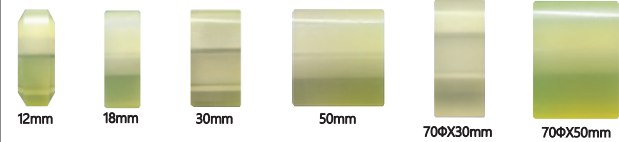
- ◎ 본봉, 쌍침용 감속기 (다이렉트 드라이브 미싱에 적합)
- MODEL : ESP-ST-L(R) (For 1-Needle, 2-Needle)
- ◎ 디지털 감속기 / Digital Puller
- ◎ 롤러 사이즈 : 외경 57φ, 폭 12, 18, 30, 50mm
- Roller Size : External diameter 57φ, Width 12, 18, 30, 50mm

ST-L 기계식 감속기 특징 / The ST-L Mechanical Puller Feature

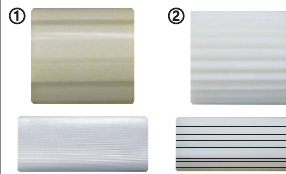
감속기의 모든 연결 부품이 베어링 으로 제작되어 있어 내구성이 뛰어나며 잡아당기는 힘이 강합니다.
자동제어장치는 세계에서 처음으로 모터 방식 구조로 제작되어 있어 소음과 진동이 없습니다.

WE ADOPTED THE BEARING SYSTEM(OTHER BRAND IS BELT SYSTEM) FOR ALL CONNECTING PARTS SO IT CAN USE THE PARTS LONG LIFE.
WE ADOPTED THE ALL AUTOMATIC CONTROL SYSTEM WITH MOTOR SYSTEM SO IT CAN PROTECT FROM THE NOISE & VIBRATION PROBLEM.

롤러 기성 사이즈 외경 57φ (Standard Roller Size) External diameter 57φ



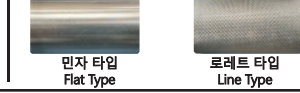
CV-M용 롤러 (For CV-M Roller)



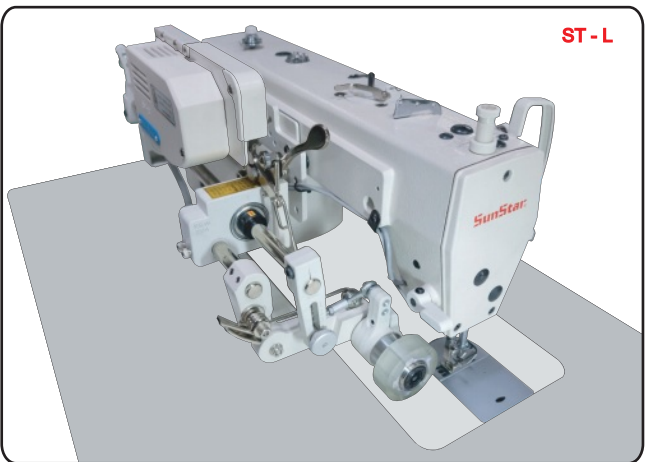
스틸 톱니 롤러 (Steel Teeth Type Roller)



알루미늄 밀롤러 (Aluminum Lower Roller)

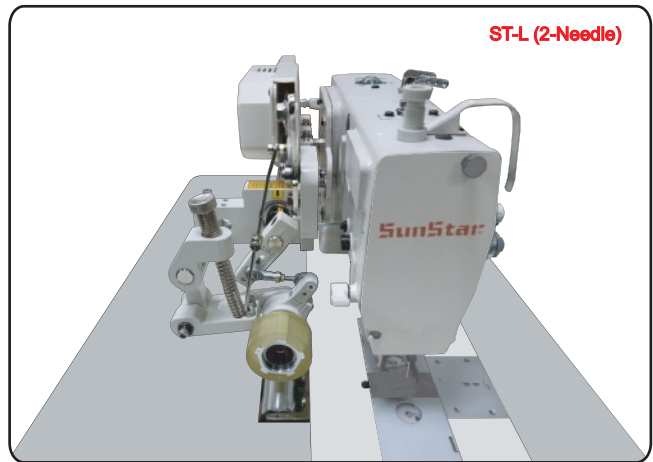


- ◎ 롤러 사이즈와 재질은 작업 상황에 따라 선택 사용할 수 있습니다.
- ◎ The roller size and material can be selected according to the working situation.



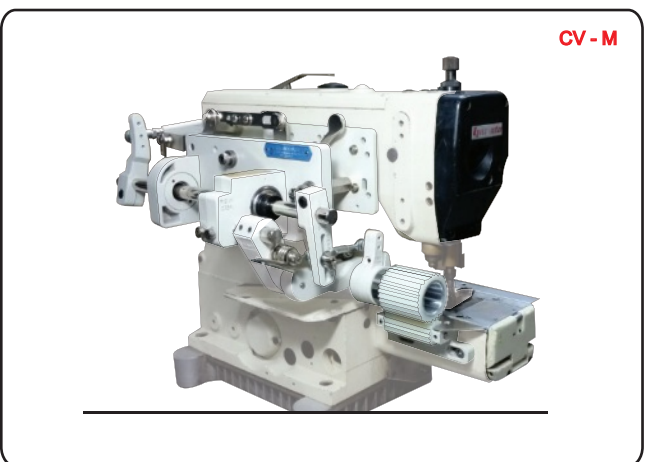
ST - L

- ◎ 본봉, 쌍침용 감속기 (다용도 감속기)
- MODEL : ST-L (For 1-Needle & 2-Needle)
- ◎ 롤러 사이즈 : 외경 57φ, 폭 12, 18, 30, 50mm
- Roller Size : External diameter 57φ, Width 12, 18, 30, 50mm



ST-L (2-Needle)

- ◎ 본봉, 쌍침용 밀롤러식 감속기
- MODEL : ST-L(Lower Roller Type) For 1-Needle & 2-Needle
- ◎ 상 롤러 사이즈 : 외경 57φ, 폭 12, 18, 30, 50mm
- 하 롤러 사이즈 : 외경 35φ, 폭 60mm 알루미늄
- Upper Roller Size : External diameter 57φ, Width 12, 18, 30, 50mm
- Lower Roller Size : External diameter 35φ, Width 60mm Aluminum



CV - M

- ◎ 삼봉용 감속기
- MODEL : CV-M (For coverseam)
- ◎ 롤러 사이즈 : 외경 50φ, 폭 50mm
- Roller Size : External diameter 50φ, Width 50mm



FA-M 다용도용 감속기 / For Feed Off The Arm (Multi- Purpose)

- SUNG WOO PULLER는 모든 연결 구조가 무급유 베어링 시스템으로 기계에 수명이 길고 한번 설치 후 당기는 위치가 변하지 않으며 당기는 힘이 강합니다.
- PULLER 설치가 간편합니다.
- 자동 노루발 에어 시스템

- SUNG WOO PULLER Long life-time, durability based oilless bearing system, and strong pulling device.
- Easy Air control system for Foot Lifter.



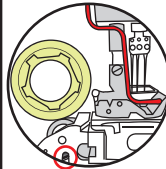
MAN'S SHIRT, ETC...



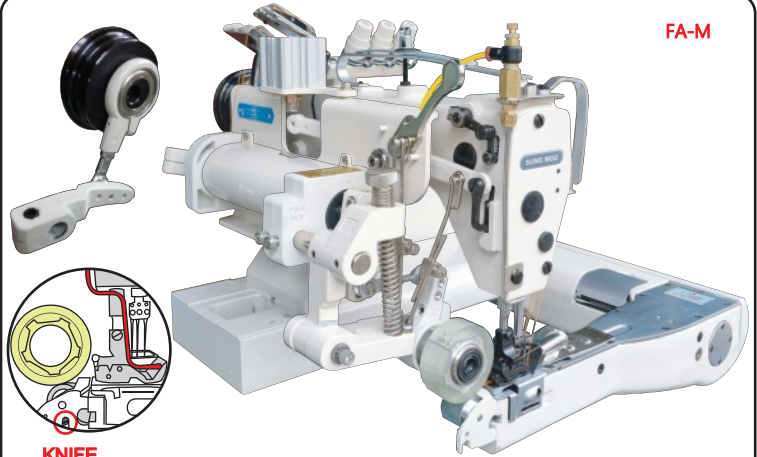
SPORTS WEAR, ETC...



JEAN, ETC...



KNIFE



FA-M

FA-210 후물 전용 감속기 / For Feed Off The Arm (Heavy Duty)

- ◎ Gauge 게이지 3.2mm×2 [1/8×2]
- 段差1.9 / Height Difference 1.9



PRESSER BAR
노루발대



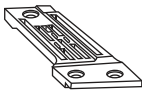
NEEDLE CLAMP WITH SCREW
하리도매



FEED DOG
톱니



JEAN, ETC...



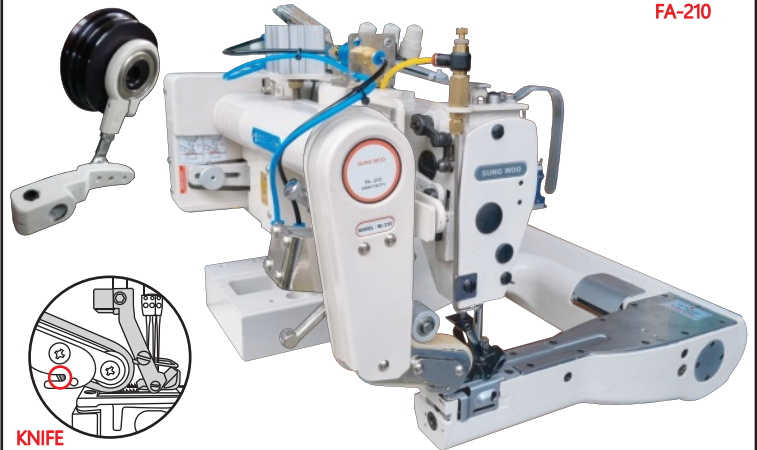
NEEDLE PLATE
침판



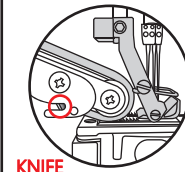
LOPPER & LOPPER HOLDER (S, M, L)
루빠 & 루빠집 (小, 中, 大)



PRESSER FOOT ASSY
노루발



FA-210



KNIFE

FA-519 박물 전용 감속기 / For Feed Off The Arm (Regular Duty)

- ◎ Gauge 3/16 / 게이지 3/16



PRESSER BAR
노루발대



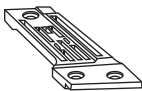
NEEDLE CLAMP WITH SCREW
하리도매



FEED DOG
톱니



MAN'S SHIRT, ETC...



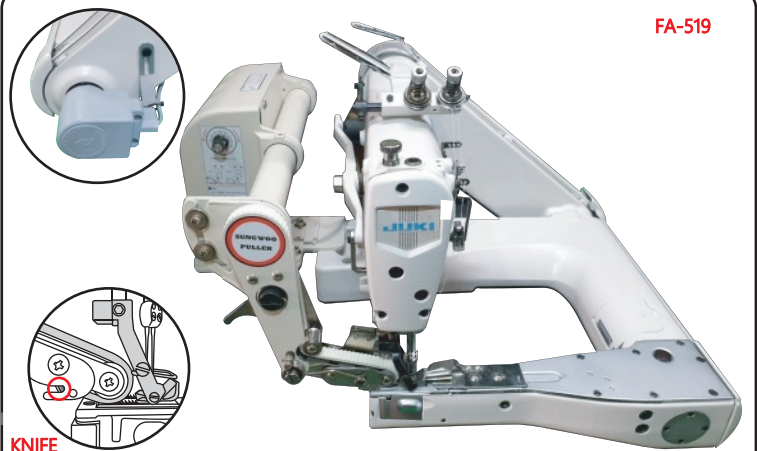
NEEDLE PLATE
침판



LOPPER & LOPPER HOLDER (S, L)
루빠 & 루빠집 (小, 大)



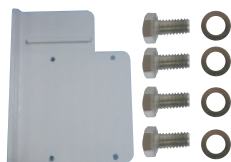
PRESSER FOOT ASSY
노루발



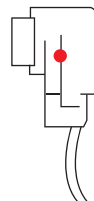
FA-519



KNIFE



FIXING PANNEL FOR PULLER
감속기 고정용 판넬



SYNCHRONIZER FOR PULLER
감속기용 검출기



성우정밀(감속기) 노루발올림장치 (신제품)
SUNG WOO (Foot Lifter) SW-8

- ※ 노루발올림장치 : 전자식 **BLDC 모터** 시스템
- ◎ 전원 : 220V, 50/60Hz, 모터 24V
 - ◎ 볼륨 스위치를 조절하여 노루발 높이를 10 ~ 50mm 까지 조절가능합니다.
 - ◎ 서버모터의 24V신호에 연결시 연동하여 사용할 수 있습니다.
 - ◎ 소음이 없고, 힘이 좋아 장시간 당기고 있어도 열이 발생하지 않습니다.

- ※ Foot Lifter (BLDC Motor System)
- ◎ Height Contol : 10 ~ 50mm
 - ◎ Prevent noise & heat, durable pulling system
 - ◎ 220V, 50/60Hz, 24V Motor

