

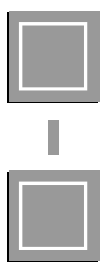
KM-350 Series

KM-350A High Speed, 1-Needle, Needle Feed, Lock Stitch Machine

KM-350A-7 High Speed, 1-1-Needle, Needle Feed, Lock Stitch Machine With Automatic Thread Trimmer

KM-350B

KM-350B-7



| Usage | | Trimming and Motor | |
|-------|-------------------|--------------------|----------------------------------|
| A | General Materials | No mark | Non-Trimming Type : Clutch Motor |
| B | Heavy Materials | 7N | Trimming Type : N.P Motor |
| | | 7S | Trimming Type : Servo Motor |

Specification

| Model | KM-350A-7S(N) | KM-350B-7S(N) |
|-----------------------------------|--------------------------------------|-----------------------------------|
| Application | General Materials | Heavy Materials |
| Max. Sewing Speed | 5,000 spm(Commercial Use : 4,000) | 4,000 spm(Commercial Use : 3,500) |
| Max. Stitch Length | 4mm | 5mm |
| Needle Bar Stroke | 30.7mm | 34.6mm |
| Thread Take-up Stroke | 59.2mm | 67mm |
| Height of Presser Foot | Hand : 5.5mm / Knee : 14mm | |
| Height of Presser Foot(Automatic) | 14mm(Optional) | |
| Hook | Full Rotary Standard Hook | |
| Needle | DB x 1 #9~#18 | DB x 1 #20~#23 |
| Trimming Device | Trimming(-7S) : Provided | Trimming(-7S) : Servo Motor |
| Motor | Trimming(-7N) : N.P Motor | Trimming(-7N) : N.P Motor |
| | Non-Trimming(No Mark) : Clutch Motor | |

* Specifications and appearance are subject to change for the improvement of products without prior notice.

SUNSTAR MACHINERY CO., LTD.

TRADE OFFICE

#178-212, GAUWA - DONG, SEO - KU, INCHEON, KOREA
TEL : (82 - 32) 580 - 5740 ~ 60 FAX : (82 - 32) 584 - 3025 ~ 6

WEB SITE

http : // www.sunstar.co.kr

E - MAIL

sunstar@sunstar.co.kr
forduna@sunstar.co.kr

OVERSEAS NETWORK

SUNSTAR MACHINERY (SHANGHAI) CO.,LTD. FAX : 86 21 6957 5312
TEL : 86 21 6957 5311
SUNSTAR MACHINERY (SHANGHAI) CO.,LTD. SHANGHAI BRANCH
TEL : 86 21 6353 2233 FAX : 86 21 6353 8640
SUNSTAR QINGDAO BRANCH
TEL : 86 532 482 2236 FAX : 86 532 481 1282
SUNSTAR NANJING BRANCH
TEL : 86 25 464 7389 FAX : 86 25 464 7389
SUNSTAR HANGZHOU BRANCH
TEL : 86 571 8704 4709 FAX : 86 571 8801 6046

OVERSEAS NETWORK

SUNSTAR TAIWAN BRANCH FAX : 86 22 2445 2400
TEL : 86 22 2445 8882
SUNSTAR HONGKONG LTD. FAX : 852 2729 7573
TEL : 852 2729 7078
SUNSTAR GUANGDONG BRANCH FAX : 86 769 234 4042
TEL : 86 769 249 1510
SUNSTAR FUJIAN BRANCH FAX : 86 595 869 8872
TEL : 86 595 869 8871
SUNSTAR U.S.A. INC. FAX : 1 305 591 0961
TEL : 1 305 591 9596
SUNSTAR HOCHIMINH BRANCH OFFICE FAX : 84 8 811 4588
TEL : 84 8 811 0382
SUNSTAR HANOI BRANCH OFFICE FAX : 84 4 734 0278
TEL : 84 4 734 0289
SUNSTAR NEW DELHI OFFICE FAX : 91 124 280 3007
TEL : 91 124 280 3006
SUNSTAR JAKARTA BRANCH OFFICE FAX : 62 21 4594 5317
TEL : 62 21 4594 5317

Collier Equipment Co.

100 Mill Creek Circle / PO Box 175

Lexington, AL 35648

Ph: (256) 229-6595 <=> Fx: (256) 229-6779

Email: Parts@CollierEquipment.com



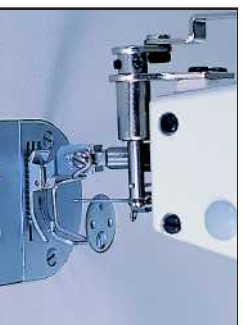
High Speed, 1-Needle,
Needle Feed, Lock Stitch Machine

KM-350 Series

KM-350 Series

High speed, 1-Needle, needle feed, lock stitch machine with automatic thread trimmer series developed through the advanced technology of SunStar.

A new, higher level of advanced mechatronics has been ideally achieved by the grafting of the newly developed, automatic thread trimming Fortuna AC servo motor, equipped with the most up-to-date function, to our new KM-350 Series ; total integration of new, varied functions created for operational convenience. This new product will contribute greatly to upgrading variable sewing pattern quality and to increased productivity.



Feed dog and needle transport sewing
Material at the same time. The mechanism minimize stretching of clothes and puckering in high-valued materials and synthetic fiber.



The high-performance impeller pump is used to enhance durability of the internal moving section of the sewing machine.



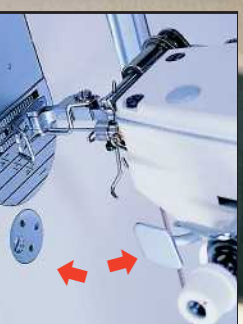
The unique thread-trimming mechanism has simple design and easy control system.



Thread-trimming mechanism guarantees strong cutting power increases adhesion. And durability with special material of moving and fixed knife, thread-trimming super heavy-materials is perfect because of cutting power control.



The thread take-up made of special aluminum enables quiet sewing even at the maximum speed.



A number of accessories are offered to improve productivity. The Soft-touch reverse button and the attachment sheet.



14mm lift of presser foot, highest record among the sewing machines of similar grade



Auto knee lifter solenoid attached directly to the machine head in the back minimize loss of power. It is connected and disconnected easily. It also helps for better operation by providing enough space in the lower part of table. (Optional)

Installed the Fortuna AC Servo Motor Series III with Up-to-Date Functions!!

CONTROLLER SPEC.

| Model | Input Phase | Main Functions | Standard Parts |
|-------------------------------------|-------------|---|--|
| S3AC55 - 1 <input type="checkbox"/> | 1 Ø 110V | <ul style="list-style-type: none"> Simple speed changing function using the program unit Categorized speed adjustment of start/and back tack Adjustment of sewing machine speed increase curve | <ul style="list-style-type: none"> Synchronizer Pedal connecting rod |
| S3AC55 - 2 <input type="checkbox"/> | 1 Ø 220V | <ul style="list-style-type: none"> Adjustment of the remaining upper thread's length after thread trimming | <ul style="list-style-type: none"> Power switch box etc. |
| S3AC55 - 3 <input type="checkbox"/> | 3 Ø 220V | <ul style="list-style-type: none"> Adjustment of the pressure for pedal operation | |



PROGRAM UNIT FUNCTIONS

| Function | Model | Basic Type | Option Type |
|--|-------|--------------------------|--------------------------|
| Start and end back-tack work | | <input type="checkbox"/> | <input type="checkbox"/> |
| Selection of needle Up/Down stop position | | <input type="checkbox"/> | <input type="checkbox"/> |
| Selection of presser foot Up/Down stop position | | <input type="checkbox"/> | <input type="checkbox"/> |
| Selection of thread trimmer and wiper performance | | <input type="checkbox"/> | <input type="checkbox"/> |
| Correction or change of needle Up/Down stop position | | <input type="checkbox"/> | <input type="checkbox"/> |
| Input of various sewing conditions | | <input type="checkbox"/> | <input type="checkbox"/> |
| Programed number of stitches and programed sewing speed pattern work | | <input type="checkbox"/> | <input type="checkbox"/> |
| Pattern connection function (Chain function) | | <input type="checkbox"/> | <input type="checkbox"/> |
| Counter installment possible | | <input type="checkbox"/> | <input type="checkbox"/> |
| Sewing material edge sensor installment possible | | <input type="checkbox"/> | <input type="checkbox"/> |

SPECIFICATIONS

- Quick and accurate position control. Swift response (Superly fast acceleration and deceleration)
- Powerful program unit
- Easy to use speed change function
- Enhanced pattern sewing function
- Accurate back tack stitch number correction function
- Easy installment in any sewing machine
- Well-adaptable machine that fits any sewing environment
- Designed to meet the standard requirements of developed countries such as those of the US and European countries
- Input/output as well as sequence changing functions appropriate for special equipment development

MOTOR SPEC.

| Model | Motor Spec. | Standard |
|---------|---------------|-------------------|
| S3M55-S | Straight Type | 550W/ 3,000rpm |
| S3M55-T | Taper Type | 0.18kg/m |

HEC 470 Series II N,P Motor

Non-contact(Eddy Current) automatic trimming motor

