

# Fabric Inspection

# KK160-350MT(F)



## SPECIFICATIONS

- ❖ Roll-to-Roll operation
- ❖ Surface Drive System (SDS) prevents stretch due to roll diameter changes during rewinding and unwinding.
- ❖ True Tension Control (TTC) is possible through speed adjustment between the unwind and rewind units with individual motors.
- ❖ Operator Tension Adjustment (OTA) feature allows the relaxed rewinding of high-stretch Lycra fabrics.
- ❖ Long-life rubber coating on unwind and rewind rollers.
- ❖ Top and bottom light boxes with two level settings.
- ❖ Strong frame construction for long life and vibration-free operation.
- ❖ Length programmable.
- ❖ Roll-end optical sensor.
- ❖ Motorized Cross-Cutting device to produce rolls at preprogrammed lengths (optional).
- ❖ Optical edge alignment to produce rolls with straight edges (optional / KK160-210MTF).

## Fabric Quality Management System (FQMS)(OPTIONAL)

- ❖ 15.6" Industrial Touchscreen PC (Windows™). Suitable for use with gloves.
- ❖ Defect Registry System:
  - Up to 40 defect buttons can be defined
  - Unlimited Defect Registry for each roll
  - CSV file output
- ❖ Wifi or Ethernet network connectivity. Web-based application for viewing Advanced Defect Reports across company PCs and mobile devices.
- ❖ Updates and Support provided through remote connection.

Maximum Fabric Width	Maximum Fabric Roll Diameter	Maximum Fabric Weight	Maximum Speed	Machine Width	Machine Length	Machine Height	Machine Weight	Electricity
60"(160) 138"(350)	Max – 19.5" Min – 4"	330 lbs 150 kg	60 m/min	69" 175 cm	Fabric Width +26"(65 cm)	76" 193 cm	1,170 lbs 1,450 lbs	220 VAC 50 Hz

in addition to standard models production of custom-specific models can be done according to specified fabric widths, roll diameters and weights and/or with cutting/slitting mechanisms.

## THE OPTIONS THAT CAN BE APPLIED ON ALL FABRIC INSPECTION MACHINES:



**OPTICAL EDGE ALIGNMENT**



**MOTORIZED CROSS-CUTTING DEVICE**



**15.6" INDUSTRIAL PC WITH TOUCHSCREEN (Windows™)**

### Ethernet connection to company network (options)

PC report viewing application (Excel Format)

- Weight scale
- Barcode reader



# Plaiting (Flat-Fold) & Roll Fabric Inspection Machine

# KK160-350M(F)D



## SPECIFICATIONS

- ❖ Motorized fabric plaiting (flat folding) system that enables operation from roll to plaiting, plaiting to roll, and plaiting to plaiting.
- ❖ Surface Drive System (SDS) prevents stretch due to roll diameter changes during rewinding and unwinding.
- ❖ True Tension Control (TTC) is possible through speed adjustment between the unwind and rewind units with individual motors.
- ❖ Operator Tension Adjustment (OTA) feature allows the relaxed rewinding of high-stretch Lycra fabrics.
- ❖ Long-life rubber coating on unwind and rewind rollers.
- ❖ Top and bottom light boxes with two level settings.
- ❖ Strong frame construction for long life and vibration-free operation.
- ❖ Length programmable.
- ❖ Roll-end optical sensor.
- ❖ Motorized Cross-Cutting device to produce rolls at preprogrammed lengths (optional).
- ❖ Optical edge alignment to produce rolls with straight edges (optional / KK160-350MFD).

## Fabric Quality Management System (FQMS)(OPTIONAL)

- ❖ 15.6" Industrial Touchscreen PC (Windows™). Suitable for use with gloves.
- ❖ Defect Registry System:
  - Up to 40 defect buttons can be defined
  - Unlimited Defect Registry for each roll
  - CSV file output
- ❖ Wifi or Ethernet network connectivity. Web-based application for viewing Advanced Defect Reports across company PCs and mobile devices.
- ❖ Updates and Support provided through remote connection.

Maximum Fabric Width	Maximum Fabric Roll Diameter	Maximum Fabric Weight	Maximum Speed	Machine Width	Machine Length	Machine Height	Machine Weight	Electricity
60"(160) 138"(350)	Max - 19.5" Min - 4"	330 lbs 150 kg	60 m/min	69" 175 cm	Fabric Width +26"(65 cm)	76" 193 cm	1,350 lbs 1,700 lbs	220 VAC 50 Hz

In addition to standard models production of custom-specific models can be done according to specified fabric widths, roll diameters and weights and/or with cutting/sifting mechanisms.

## THE OPTIONS THAT CAN BE APPLIED ON ALL FABRIC INSPECTION MACHINES:



**OPTICAL EDGE ALIGNMENT**



**MOTORIZED CROSS-CUTTING DEVICE**



**15.6" INDUSTRIAL PC WITH TOUCHSCREEN (Windows™)**

### Ethernet connection to company network (options)

PC report viewing application (Excel Format)

- Weight scale
- Barcode reader



# Heavy-Duty Roll Fabric Inspection Machine

# KK160-350STD



## SPECIFICATIONS

- ❖ Roll-to-Roll
- ❖ Surface Drive System (SDS) that prevents the stretch due to roll diameter changes during rewinding and unwinding.
- ❖ True Tension Control (TTC) is possible through speed adjustment between the unwind and rewind units with individual motors.
- ❖ Operator Tension Adjustment (OTA) feature allows the relaxed rewinding of high-stretch Lycra fabrics.
- ❖ Long-life rubber coating on unwind and rewind rollers.
- ❖ Top and bottom light boxes with two level settings.
- ❖ Strong frame construction for long life and vibration-free operation.
- ❖ Length programmable.
- ❖ Roll-end optical sensor.
- ❖ Motorized Cross-Cutting device to produce rolls at preprogrammed lengths (optional).
- ❖ Optical edge alignment to produce rolls with straight edges (optional / KK160-350MTF).

## Fabric Quality Management System (FQMS)(OPTIONAL)

- ❖ 15.6" Industrial Touchscreen PC (Windows™). Suitable for use with gloves.
- ❖ Defect Registry System:
  - Up to 40 defect buttons can be defined
  - Unlimited Defect Registry for each roll
  - CSV file output
- ❖ Wifi or Ethernet network connectivity. Web-based application for viewing Advanced Defect Reports across the company PCs and mobile devices.
- ❖ Updates and Support provided through remote connection.

Maximum Fabric Width	Maximum Fabric Roll Diameter	Maximum Fabric Weight	Maximum Speed	Machine Width	Machine Length	Machine Height	Machine Weight	Electricity
60" (160) 138" (350)	Max – 24" Min – 4"	650 lbs 300 kg	60 m/min	61" 155 cm	Fabric Width +26" (65 cm)	75" 190 cm	1,275 lbs 1,550 lbs	220 VAC 50 Hz

In addition to standard models, production of custom-specific models can be done according to specified fabric widths, roll diameters and weights and/or with cutting/slitting mechanisms.

## THE OPTIONS THAT CAN BE APPLIED ON ALL FABRIC INSPECTION MACHINES:



**OPTICAL EDGE ALIGNMENT**



**MOTORIZED CROSS-CUTTING DEVICE**



**15.6" INDUSTRIAL PC WITH TOUCHSCREEN (Windows™)**

- Ethernet connection to company network (options)**  
PC report viewing application (Excel Format)
- Weight scale
  - Barcode reader

