

# dSort 7

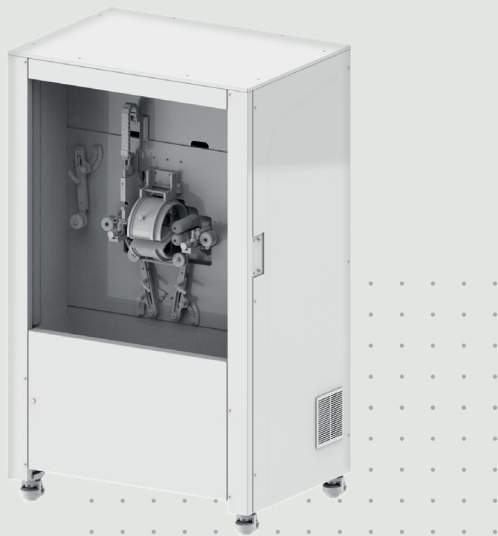
SEMI-AUTOMATIC VISUAL INSPECTION  
MACHINE FOR MEGA O-RINGS AND CABLES

**PIECES**

MEGA O-RING  
CABLE

**DIMENSION**

350-5000 MM OD



**SURFACE  
CONTROL**



**PROFILE  
CONTROL**



**DIMENSIONAL  
CONTROL**



**CUT AND BREAKS  
CONTROL**

TO CORRECTLY DEFINE A DEFECT, A DEFECT MUST HAVE AT LEAST 30 GRAY LEVELS OF CONTRAST COMPARED TO THE NON-DEFECTIVE AREA.

## DESCRIPTION

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SEMI-AUTOMATIC VISUAL INSPECTION MACHINE FOR MEGA O-RINGS AND CABLES.

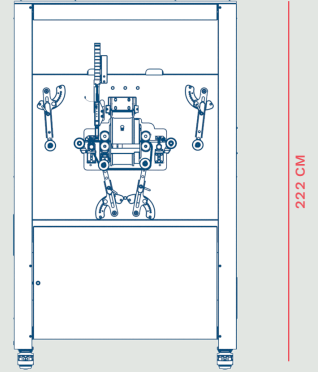
THE PART IS LOADED INTO THE MACHINE MANUALLY ONTO THE ROLLING SYSTEM. WITH THE VISION SYSTEM CONSISTING OF 5 CAMERAS, THE MACHINE INSPECTS THE SURFACE AND PROVIDES DIMENSION AND SURFACE CONTROL OF THE PART.

AN INKJET PRINTER CAN PRINT THE PART NUMBER OR THE RESULT OF INSPECTION ACCORDING TO THE SETTING FROM THE OPERATOR.

PIECE	<b>TYPE</b>	ELASTOMERS
	<b>COLOUR</b>	ALL, NON-TRANSPARENT
	<b>TYPICAL PIECE</b>	MEGA O-RING, CABLE
	<b>CHARACTERISTICS</b>	CLEAN, FREE OF DUST OR PARTICLES THAT MAY ALTER THE PART'S PROFILE
	<b>SIZE*</b>	350 – 5000 MM OD
	<b>CROSS SECTION/HEIGHT</b>	4 – 20 MM
VISION	<b>RESOLUTION</b>	0.030 MM/PIXEL
	<b>ZOOM</b>	NO
	<b>CAMERA TYPE</b>	MATRICIAL
	<b>MAX FRAME FIELD*</b>	30 MM
	<b>CAMERA RESOLUTION</b>	1.3 MEGAPIXEL
PERFORMANCE	<b>CYCLE TIME</b>	7 M/MIN
	<b>TYPE OF FEEDING</b>	MANUAL
	<b>TYPE OF MACHINE</b>	PULLEY TRACTION
	<b>NOISE LEVEL (FOR ELASTOMERS)</b>	< 60 DB
	<b>THREE PHASE POWER SUPPLY</b>	230 – 480 V
	<b>MAX INSTALLED POWER</b>	1.5 KW
	<b>AVERAGE CONSUMPTION</b>	0.9 KW
	<b>COMPRESSED AIR CONSUMPTION</b>	N/A

\*CUSTOMIZATION IS POSSIBLE

## DIMENSION



135 CM



90 CM

## CHARACTERISTICS



STATISTIC AND  
REPORT



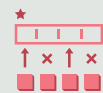
TRACEABILITY OF  
PRODUCTION LOTS



REMOTE  
MANAGEMENT



M.E.S.  
COMPATIBLE



CUSTOMIZABLE FOR  
SPECIAL PROJECTS