Diaper Feeder

The Diaper Process
Constant Tension Feeder System
**Diaper Feeder Device Components Group**

**DIAPERFEEDER/IP Device** - Yarn constant tension feeding control device equipped with special rotating yarn coil separator. 
*IP 54 connectors*

**TS44 Sensor** - Analogical yarn tension sensor, 1000 cN, equipped with (E) ceramic eyelet BC.0.48 (4,5mm) 
*IP 54 connectors*

**INPUT accessory**, with pre-tensioner and rolling wheel  
*90° Yarn Input (see the arrow direction in the picture)*

**INPUT accessory**, with pre-tensioner and ceramic eyelet  
*Straight Yarn Input (see the arrow direction in the picture)*

**Triple position output accessory**
OUTPUT accessory for TS44/1000RW yarn tension sensor, equipped with roller yarn guide

Head and Tail Process Control Group Components

IS3F/HTP Sensor - Programmable 'Head and Tail Process' “IMAGE SMART SCANNING SENSOR”, touch-less yarn control touch light button

IP 67 Connecting Cable - MA 4 pole connecting cable to Diaper Feeder - Lengh cm 150
### Connecting Components Group

<table>
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<th>Description</th>
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| ![Cable Image](image1.png) | **Special cable** connecting Diaper Feeder to Distribution Box  
Lenght 400 cm |
| ![Distribution Box Image](image2.png) | **Distribution Box** - 8 positions distribution box (IP 67) - M12 |
| ![Protective Cap Image](image3.png) | **Protective Cap** for multiple adapter output - M12 |

### Power Supply Unit

<table>
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<td><img src="image4.png" alt="PSU Image" /></td>
<td><strong>Stabilized power supply PSU10AS</strong></td>
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