# Technical Details

<table>
<thead>
<tr>
<th>Knitting Unit</th>
<th>CMS 830 ki knit and wear</th>
<th>CMS 730 ki T knit and wear</th>
<th>CMS 530 ki knit and wear</th>
<th>CMS 202 ki B knit and wear</th>
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<tr>
<td>Carriages</td>
<td>Combined knitting-transfer systems with split function</td>
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<td>Electronic wear-free selection systems with 2 selection points</td>
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<tr>
<td>Dynamic tension setting with step motors. Extremely quick adjustments of stitch tension with PTS (Power Tension Setting)</td>
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<td>Drive</td>
<td>Racking</td>
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<tr>
<td>Main drive: programmable speed; variable stroke; Power-RCR-System (Rapid Carriage Return); flexible speed adjustment using starting bar; CFC-protective system (Carriage Force Control)</td>
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<td>Racking course max. 4&quot;, programmable racking speed</td>
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<td>Needle bed</td>
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<td>Moveable holding-down jacks on both needle beds</td>
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<td>Depth adjustable</td>
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<td>Thread clamping and cutting devices, left</td>
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<td>Illuminated working space</td>
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<tr>
<td>Shock stop motion, front</td>
<td>rear</td>
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<td>Central lubrication of needle bed elements and carriage slide bars</td>
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<td>Dimensions</td>
<td>Weights</td>
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<td>Plating kit consisting of plating yarn carrier and bobbin holder</td>
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<tr>
<td>Devoré kit with 1 system</td>
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<td>Devoré kit with 2 systems</td>
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<td>Plush device</td>
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<td>Holders for bobbins, mounted on the rear side of machine</td>
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<td>Yarn feed unit</td>
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<td>Storage feed wheel</td>
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<td>ASCON*, automatic stitch control, 8 measurement units, left</td>
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<td>Fabric take-down system</td>
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<td>Comb take-down</td>
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<td>Main take-down</td>
<td>Stoll-multiflex</td>
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<td>Auxiliary take-down</td>
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<td>Cleaning device</td>
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<td>Suction device with turbine; with suction tube</td>
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<td>Power</td>
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<tr>
<td>Voltage connection</td>
<td>(AC 400 V +/-10%)</td>
<td>(AC 400 V +/-10%)</td>
<td>(AC 230 V/400 V +/-10%)</td>
<td>(AC 230 V +/-10%)</td>
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<td>Connection value, depending on operating status (kW)</td>
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</table>

### Notes:

- Standard equipment
- Special equipment
- All systems are fully independent. Knitting with the three-way technique, or simultaneous transfer to the front and rear.
- Depends on yarn and pattern structure.
- Additional beds: 2''
- Further gauges on request.
- Possible within the same gauge range.
- Independent of the carriage.
- Not moveable display.
- Depends on the gauge.
- Only for fine gauges.
- Gauge availability on request.
- System for measuring and regulating the stitch length.

We reserve the right to make technical changes as our products are continuously undergoing further development. All data valid at time of printing.
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<th>Knitting Unit</th>
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<td>Closed spring-loaded holding-down jacks</td>
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<td>Pelerine spring-transfer needle with spring-loaded latch</td>
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<td>Thread clamping and cutting devices, left</td>
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<td>**Dimensions</td>
<td>Weights**</td>
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<td>Thread deflectors for optimum yarn guidance, left</td>
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<td>Yarn carrier rail</td>
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<td>Plating yarn carrier</td>
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<td>Plating kit consisting of plating yarn carrier and bobbin holder</td>
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<td>Devoré kit with 1 system</td>
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<td>Devoré kit with 2 systems</td>
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<td>Friction feed wheel, 8 tracks each, left</td>
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<td>Storage feed wheel</td>
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</tr>
<tr>
<td>Main take-down</td>
<td>Stoll-multiflex</td>
<td>Stoll-multiflex</td>
<td>Stoll-multiflex</td>
<td>Stoll-multiflex</td>
</tr>
<tr>
<td>Auxiliary take-down</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Cleaning device</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Power</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Voltage connection</td>
<td>(AC 230 V/400 V +/-10%)</td>
<td>(AC 400 V +/-10%)</td>
<td>(AC 400 V +/-10%)</td>
<td>(AC 400 V +/-10%)</td>
</tr>
<tr>
<td>Connection value, depending on operating status (kW)</td>
<td>2.3</td>
<td>2.6</td>
<td>2.7</td>
<td>2.3</td>
</tr>
</tbody>
</table>

- Standard equipment
- Special equipment

1. All systems are fully independent. Knitting with the three-way technique or simultaneous transfer to the front and rear depends on yarn and pattern structure.
2. Other gauges available on demand.
3. Possible within the same gauge range.
4. Depends on the gauge.
5. Only for fine gauges.
6. Gauge availability on request.
7. For gauges E2.5.2 + E3.5.2 + E5.2 / option for gauges E6.2 and higher.
8. System for measuring and regulating the stitch length.
10. Standard right and left side for E7.2.
11. Standard error and left side for E7.2.

We reserve the right to make technical changes as our products are continuously undergoing further development. All data valid at time of printing: 08/19-E.