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PROCESS AUTOMATION AND
INDIVIDUALIZATION WITH
BMS 52 KI



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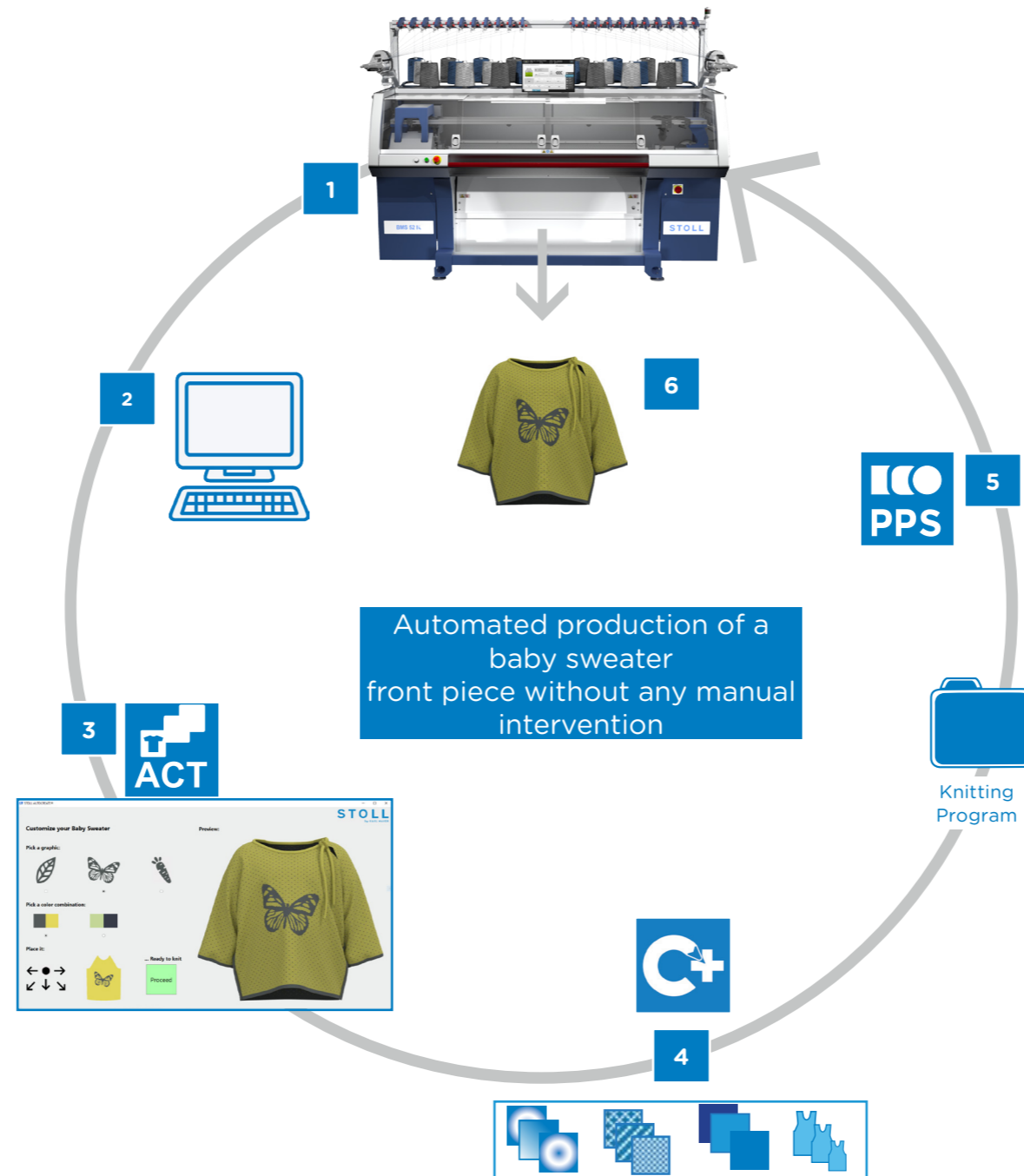


BMS 52 KI AT A GLANCE

- knitelligence® generation
- Multi-Touch Panel
- 52" working width
- 10 normal yarn carriers (optional max. 32)
- 2 knitting systems
- Gauges E 7.2 | 12 | 14 (further gauges to follow)
- Belt take-down and Comb take-down
- Clamping and cutting device left/right
- Friction feed wheel left/right
- Racking movement: ±2" (totally 4")
- Networking possibility
- Power supply: Single phase AC 230 V +/-10%
- Remote desktop to CPS, M1plus®, PPS, e-spare parts
- EKR (Extended Knit Report): Standard

COSTUMER BENEFITS:

- Part of Stoll family
- Same quality Stoll standards
- Very good and extremely interesting price / performance ratio in terms of investment, spare parts and operating costs in the volume segment of knitting (mainstream fashion)
- Wide availability of spare and consumption parts
- Machine parts/construction sets with a great market penetration → more potential machine operators available, especially in the Asian target market



PROCESS DESCRIPTION AUTOMATED KNITTING

Like every STOLL machine the BMS 52 ki provides an efficient, automated, fully digitized production, as it interacts optimally with knitelligence® components. Here an example of an automated production of a individualized baby sweater front piece:

- 1 Remote access from the BS 52 ki to a computer
- 2 Choose parameters: pick a color combination, a graphic and its position
- 3 **ACT** STOLL-autocreate® - automation tool for creating knitting programs without manual intervention.
- 4 Automated pattern processing in CREATE PLUS by using basic parameters
- 5 **CREATE PLUS** - pattern software for the creation of knitting programs.
- 6 Automated production planning through PPS
- 7 **PPS** (Production Planning System) - software tool for production planning and machine management.
- 8 Get your individual baby sweater