



MERZ



Monitoring

- ▶ 1 needle latch detector
- ▶ 4 needle detectors
- ▶ Electronic yarn sensor, activated by knitting programm (•)



Control unit

- ▶ Pattern memory 1 MB (dynamic)
- ▶ Programm memory on flash memory
- ▶ USB memory
- ▶ Ethernet Interface
- ▶ 10,4" touchscreen color display
- ▶ Automation software with machine data collection (•)
- ▶ Data transfer to and from the machine possible
- ▶ Battery backup on power failure
- ▶ Very fast software update



Draw-off unit

- ▶ Suction draw off unit ø 60
- ▶ Suction draw off unit ø 70 (•)
- ▶ Suction air controlled by step motor
- ▶ Anti twist device
- ▶ Large ejection pot
- ▶ Blower unit 2,2 kW (•)
- ▶ Blower unit 1,5 kW (•)



Motor / Lubrication

- ▶ Maintenance free electric motor
- ▶ Motor power 1,1 kW
- ▶ Mechanical hand wheel
- ▶ Compressed air lubricator with oil recycling



Yarn elements

- ▶ Yarn-fingers 10 / 8 / 8 / 8
- ▶ All yarn-finger with float position
- ▶ 4 leafbinders
- ▶ 7 programmable rubber clamps
- ▶ 2 knives, programmable
- ▶ Merz positive feeder (max. 12) (•)
- ▶ Memminger feeders EFS 820/920 (•)
- ▶ Memminger Elan-Fournisseure (•)
- ▶ BTR Ultra-Feeder (•)
- ▶ Bobbin creel for 34 bobbins

3 3/4" - 7"

Knitting unit

- ▶ 4 Knitting feeds
- ▶ Needle selection 8 piezo actuators
- ▶ Stitch adjustment per feed diagonal by step motor
- ▶ Accuracy 0,01 mm position controlled
- ▶ Appliance for automatic double-welt transfer step motor driven, up to 5 mm above transfer position
- ▶ circular cutter, gauge independent
- ▶ Mechanical latch opener needle
- ▶ Sinkers adjustable by step motor
- ▶ 1 suction pipe for yarn ends supported by blowing air
- ▶ Nominal cylinder diameters 3 3/4" / 4 1/4" / 4 3/4" / 5 1/2" / 6" / 7"
- ▶ Gauge E14 - E41
- ▶ Change of gauge possible (•)
- ▶ Sinker cam adjustable by step motor
- ▶ Sinker cap adjustable by step motor
- ▶ plush 2,00 mm / 2,50 mm / 3,00mm (•)

Knitting speed	3 3/4" : 400 RPM 4 1/4" : 370 RPM 4 3/4" : 340 RPM 5 1/2" : 290 RPM 6" : 270 RPM 7" : 230 RPM
Power-consumption	approx. 0,8 kWh without blower unit approx. 2,3 kWh with blower unit
Air-consumption	approx. 5 l/min. without options
Air-Supply connection	6 bar
Weight	Net weight approx. 400 kg Gross weight approx. 600 kg
Merz reserves the right to modify at any time and without any previous notice the machine characteristics mentioned in this sheet. Machine according to CE (•) Options	

technical data CC4 II-8