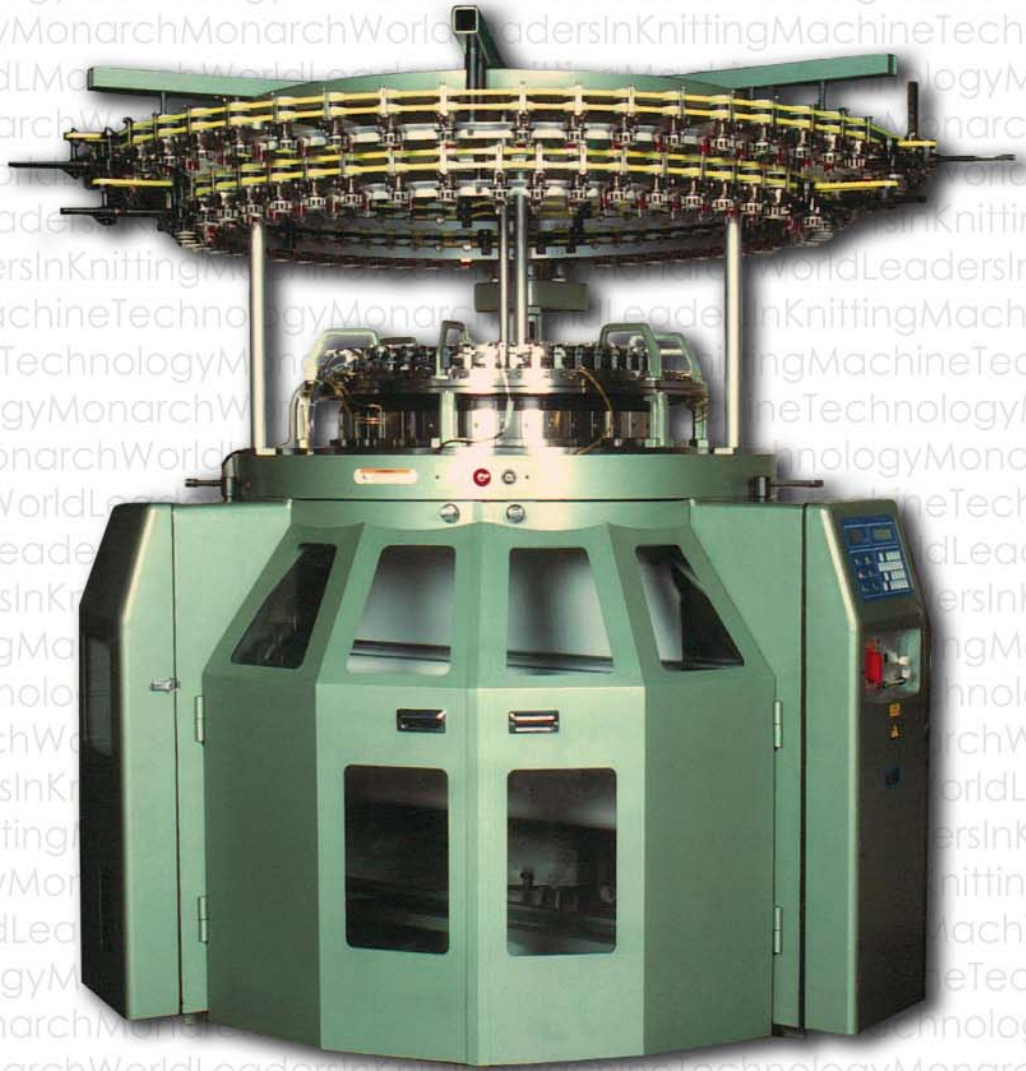


monarch

**High production Three End Fleece machine,
producing high quality plated double fleece
fabrics**



patent pending

VXC-DF3D
Single Knit Machine Series

VXC-DF3D: Second generation double fleece machines "DF3". High production achieved by high speed operation. Quality plated double fleece. Versatile fabric potential

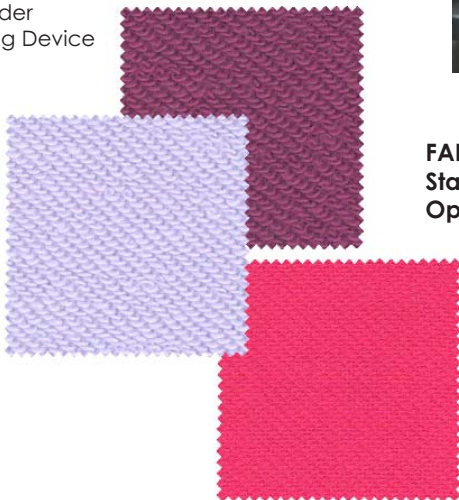
Standard Specification:

Diameter	: 26" 30" 34" 38"
No of Feeds	: 78 90 102 114(3F/inch)
Gauge	: 14g-28g
Frame	: VXC frame (The central stitch Control cannot be used when knitting double fleece.) with digital speedometer, 4-shift counter, Pre-set counter, stop-motion indicator and provision for auto-oiler.
Drive	: AC Inverter with 5.5Kw motor.
Creel	: Fully Tubed side standing creel.
Yarn Feed System	: MEMMINGER MPF 20L1 positive yarn feeder on 3 tapes (1unit/F).
Cylinder Cams	: Cams for master butt, 1 race semi-closed cam, Select cams for LAY-IN, 4 race exchange cam.
Sinker Cams	: Double push type cams with sinker push cams.
Sinker	: Segmented sinker cap
Yarn Carriers	: (LAY-IN + TIE-IN) No. of feeds x 1/3 (KNIT-IN) No of feeds x 1/3.
Take - Up	: ACT-2 motorized automatic friction roll system (max. fabric roll dia. 580mm).
Size Ring	: Normal fabric spreader.
Upper & Lower Fans	
Lubricator	: Projectile 419
Auxiliary equipment	: Operation panel with 4-line LCD.

Auto-oiler & auto-blowing, Flutter blower & air-timer unit, Lint fans.

Optional Extras:

- Large Take Up and High Legs(max. fabric roll dia 580mm).
- Parts for elastomeric yarn plating
- Parts for pique fleece knitting
- ACT-4 motorized automatic take-up (for soft winding, 3 rubber-coated rolls with split rolls, with anti-reverse rotation mechanism for cloth roll)
- CADRATEX fabric Spreader
- Elastomeric Yarn Feeding Device
- Pulsionic Oiler
- Yarn monitoring system.



Special Features:

Double fleece production at high speeds:

Cams needle and sinkers having optimum profiles for knitting double fleece are used. Capable of producing typical double, fleece such as 1x1, 2x1, 3x1, etc. at high speeds. 3F/inch double fleece machine for increased production efficiency.

Plated double fleece:

Using specially developed knitting elements, Model DF3D is ideal for meeting the demand, for dimensionally stable, stretch double fleece fabrics incorporating for example plated spun and continuous filament yarns.

Stretchable double fleece(Optional):

Elastomeric yarn plated double fleece fabrics with excellent elasticity can be knitted by installing a elastomeric yarn inserting unit at the KNIT-IN feeders.

Pique fleece (Optional):

Pique fleece can be knitted by using feeders are exclusive for knit & tuck. Parts for pique fleece are required.

Convertible from DF3 to DF3D:

Conversion DF3 can be upgraded to DF3D, by replacing certain parts such as sinker cap assemblies, cylinder cams, etc.

Convertible to other single knit machines:

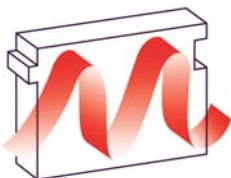
Model DF3D can be converted to other single knit machines such as VXC-3S and pile machines such as VXC-PLP2B.



photograph shows the yarn carrier unit with optional Lycra yarn carrier with roller.

FABRIC POTENTIAL:

Standard: 1x1, 2x1, and 3x1 double fleece
Optional: Pique fleece, Elastomeric yarn plated double fleece



monarch 1961-2011
 50 years of unique fabric solutions

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*The above specification may be changed without notice. *Conditions of sales may vary from country to country.
 * All information in this brochure is given in good faith but without warranty.

VXC-DF3D