DR152A
FLAT KNITTING MACHINE

FEDERAL ENGINEERING   DR152A

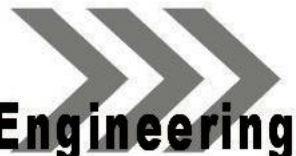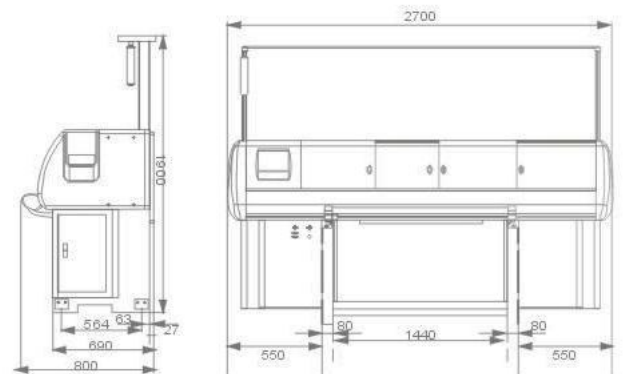| Touch screen	Single carriage with single systems	Take down roller
1	5	9

Machine Overview

Single head single system, the series from the bottom plate of the device for the non-automatic computer knitting knitting machine, the use of digital technology, to achieve horizontal turning machine needle, hanging head, Ming collection needles and knitting pattern features other rules . Basic knitting stitch can be woven (Siping, single etc) no rules multicolor jacquard weft cutter flower tissus. For true line, silk, co-filament, wool,acrylic, blended yarn and other raw materials, garments woven sweatrs, scarves, hats and cothing accessories.

Specification

Gauge	5G	6G	7G	9G	10G	12G	14G	15G	16G
Knitting width	52inches								
Roller	One high roller								
System	Single carriage with single system								

OPTIONAL PARTS SUBJECT TO ORDER

Dimensions

Dimensions: Length*width*height:2700*800*1900mm

net weight 650kg

Gauge:	5g、6g、7g、8g、9g、10g、12g、14g、15g、16g
Knitting width	44、52（inches）；
Knitting speed	Controlled by servo moto with 24 sections speed optional, max 1.2m/s. Servo motor will use the precise back award control and link up the high speed operation ability of digital signal processor (DSP), which controll GBT to produce the accurate output electric current;
Knitting system	Single carriage with single systems;
knitting function	Kint,miss,tuck,transfer,pointel,jacquard,hide,or apparent shaping and other regular or irregular patterns.
Racking	Cotrolled by servo motor racking within 2 inches and with fine adjusting function.
Detect alarm system	The safety alarm detect device, achieve to up down and left-right swing function, which surmount the normal flat knitting machine with detect simply left-right swing only and great increase the detect protect functions;
Encoder	Advanced encoder adopted;
Transfer cam	From the head direction of motion control, and can be singly or simultaneously needle, to achieve high efficiency production
Stitch density	Controlled by stepping motor,24 section stitch selectable adjustable scope supported by subdivision technology:0-650, the stitch of the knitwear can be accurately controlled.
Needle selection agency	Using solenoid needle selection for efficient institutions, eight out any pin needle selection
Take down roller	Programmed instruction controlled by stepping motor, 24 levels selection adjustable area is :0-100
Yarn carrier	2X6yarn carriers on each side of 3 guide rails, shiftable on any needle position ,
Protection	The machine will automatically alarm if yarn-breaking, knots, floating, yarn rewind, end of knitting, fail of racking, needle breakage and error programming occur. Also set up the safety auto-lock protect device;
Controller	1、Screen:Adopt LCD touch screen and figure interface, input device:The memory of 516M ,A great amout of design files can be stored at the same time and they can be fetched out for use at any time as per production reguirement. 2、Monitoring menu:each kind of operating parameter can be shown and it can be adjust at any time when the machine is running, making conveniences for operations as much as possible. 3、Free design system is visual nad easy to understand and software upgrade free of charge. 4、Multi language version: there are Chinese. English and Arabic etc. Languages version, the other language version set up shall according to customers requirement.
Network	Through high speed ethernet which capacity maximum 250 sets machines, the knitting data can transmission download and coexist.
Power	Single-phase 220v and 3-phase 380v ,adopt advanced CMOS technology, having memorizing function at power shock stop;

*NOTE

44Inches   Dimensions:Length*width*geight:2500 X 800 X 1900mm   net weight 600kg.

52 Inches   Dimensions:Length*width*geight:2700 X 800 X 1900mm   net weight 650kg.