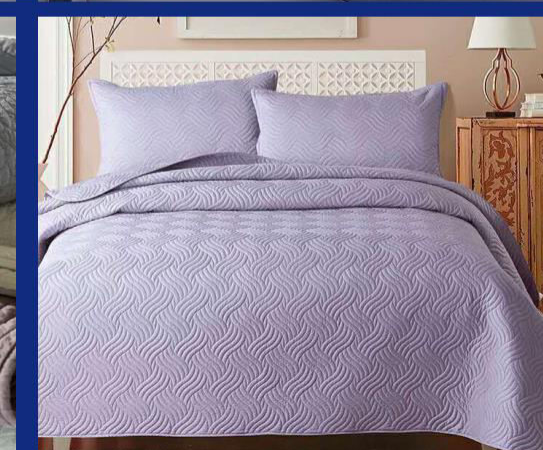
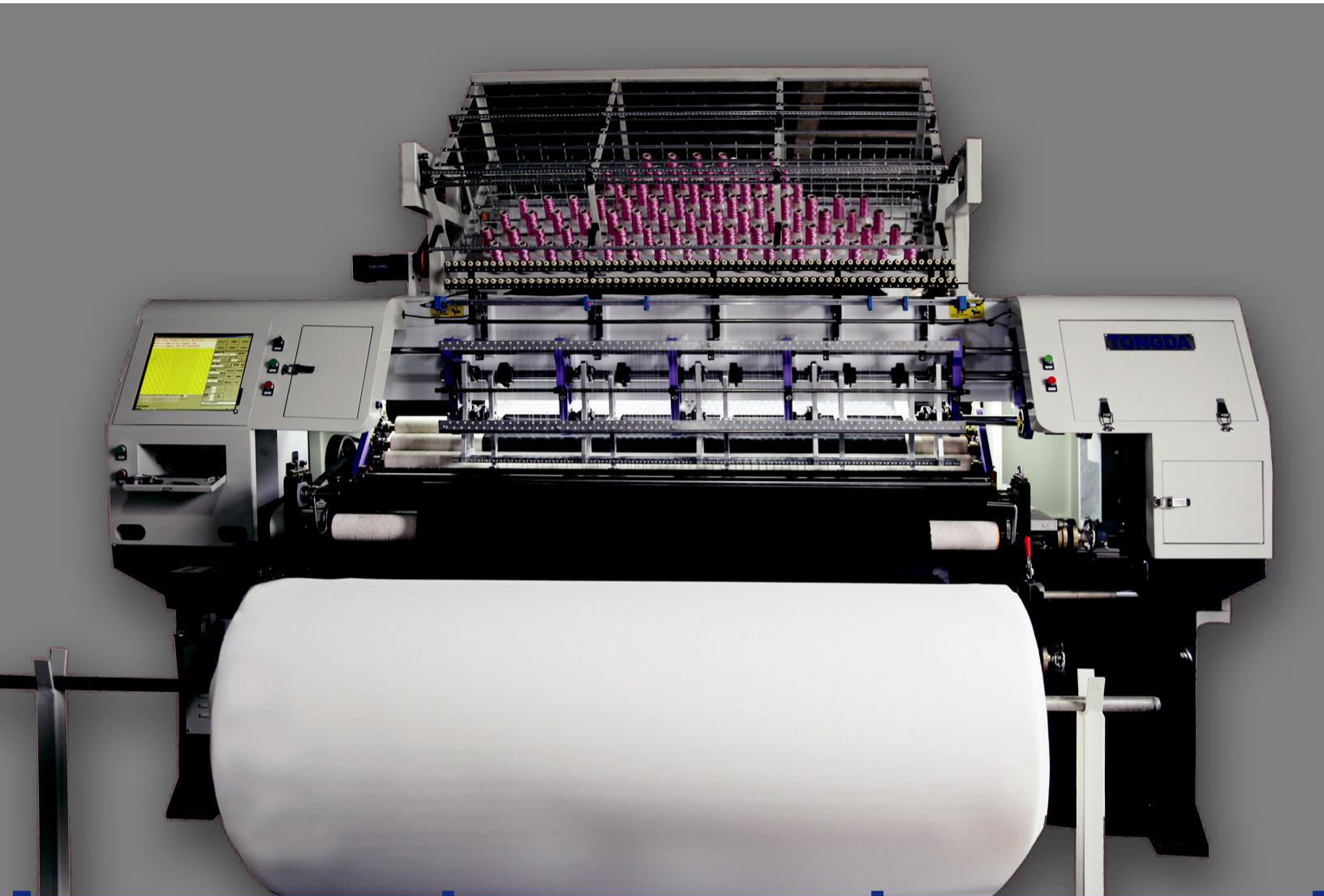


Quilting Machine



TONGDA Group specializes in design, manufacturing and marketing of a wide range of Textile machinery, it has five branch companies, mainly produces flax wet spinning machine, blow room, cotton carding machine, drawframe, Roving frame, rotor spinning machine, ring spinning machine, water jet loom, nonwoven machinery etc. The company has built a complete infrastructure to support a full effort for product research and development to satisfy the needs of the marketplace. Production capability for cotton machinery and spinning machinery products sustains an annual quantity of 20,000 units of various models.

Tongda has been growing steadily since 1952 when the spinning machine were developed. Tongda places its focus on becoming a professional supplier of Textile machinery and new materials with continuous development of modern ergonomic designs, a reliable service support network, and an efficient global network of logistics. Today, Tongda machines are being widely used by thousands of cotton and yarn, textile manufacturers.

Along with product development, Tongda has been awarded technology patents. Special techniques in design and manufacturing have also been perfected.

Tongda is an ISO9001, ISO14001, and ISO13485 company. The products are designed to meet the technical standards of 3C and CE. All the products are certified by the Industry Administration Authority.

Tongda will continue to strive to be a stronger leader in the global market of Quilting machinery.





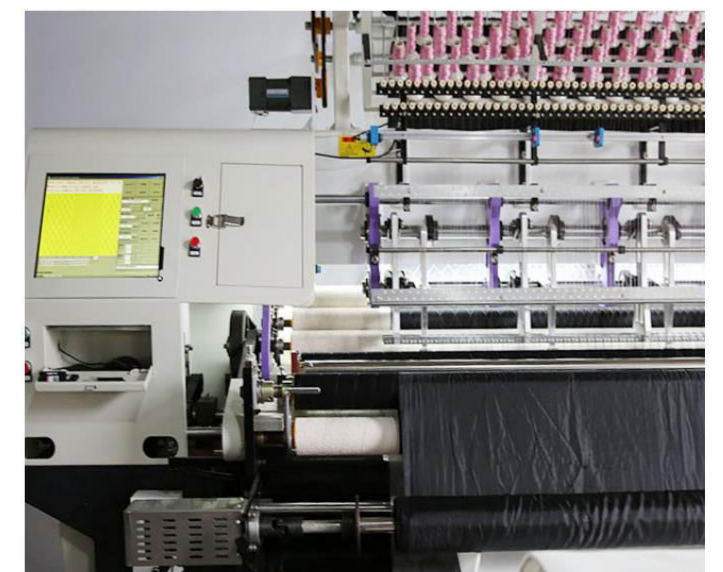
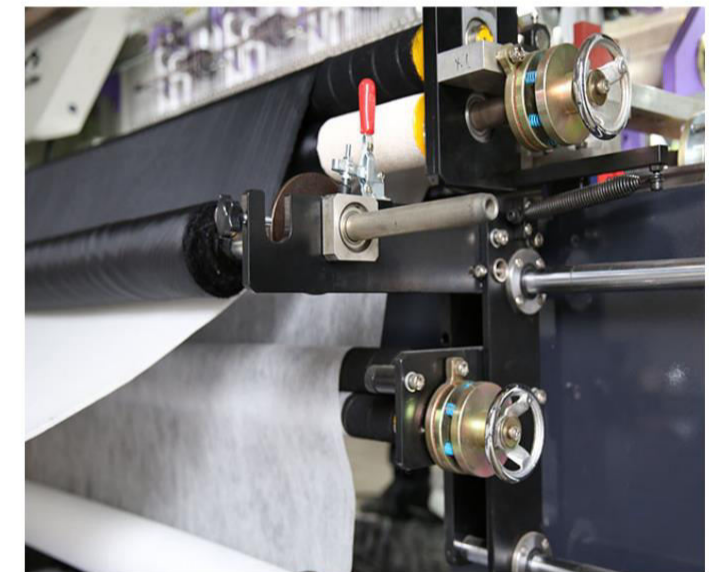
Computerized High Speed Multi Needle Shuttle Quilting Machine

Models	Working width (mm)	Needle space	Needle Rows	Row Space	Carriage Stroke	Max Quilting Thickness	Working Speed	Overall Dimensions (mm)
TD96C	2450	1"	3	3"x2" Or 3"x3"	10" Or 12"	50mm	800 RPM	5250x5080 x2370
TD100C	2540	1"	3	3"x2" Or 3"x3"	10" Or 12"	50mm	800 RPM	5430x5080 x2370
TD118C	3000	1"	3	3"x2" Or 3"x3"	10" Or 12"	50mm	800 RPM	5530x5080 x2370
TD128C	3300	1"	3	3"x2" Or 3"x3"	10" Or 12"	50mm	800 RPM	5630x5080 x2370

Main Features & Functions

- Extreme precision with 360 intricated patterns including bartack and jump patterns with automatic top thread cut.
- High performance aircraft aluminium-alloy-bushless needle-drive parallelogram system assuring a smooth and frictionless high speed round the clock working without any maintenance.
- Unique design of upper creel makes it easy to exchange upper thread.
- Unique adjustable(0~50~80mm) active roll feeding system can adjust ideally materials of different thickness and allow perfect sewing without skipped stitches on very thick materials.
- Independent positive presser foot system,with wide possibilities of adjusting stroke and passage clearance, Capable of compressing thin or very thick filling materials(up to 80mm).
- Top fabric tray feeding device with adjustable brake, gives a constant and accurate top fabric tension control to any kind of fabric, independent of the rolls diameter.
- The photoelectric thread break detector has the features of high sensitivity.

Note : The PLC control System are from TAIWAN and two Servo Motor China Taiwan Xinjie Best Brand.



Main Features & Functions

- Bottom/upper thread breakage detection function.
- Infrared sensor detect thread breakage, then automatically stop, lift the needles and NC control Speed.
- Cut and loose thread automatically with air cylinder when quilting tack and jump patterns.
- Rollers and screw mandrel are used with Japan Panasonic Servo Motors, make sure precise quilting.
- Strengthened double rocket system, rigid and durable, makes sure machine running more quietly at high speed.
- Pattern combination function to create more new design easily.
- Completely computer control with real-time monitoring.



Computerized Multi Needle Chain Stitch Shuttleless Quilting Machine

Models:	TD-94BC-3	TD-94GC-3
Needle Bar Space	50.8,76.2,127(5")/ 76.2,76.2,152.4(6")	50.8,76.2,127(5")/ 76.2,76.2,152.4(6")
Max.Quilting Thickness (mm)	80	80
Quilting width(mm)	2450	2450
Stitch Length(mm)	3-8	3-8
Travel Distance in X-axis(mm)	410	430
Quilting Speed(rpm)	200-980	650-930
Output (m/h)	60-230	45-180
Dimension(L*W*H)(mm)	4800x1600x2000	4715x1200x2015
Power	7KW	5KW
Voltage	380V 50Hz 220V 60Hz	380V 50Hz 220V 60Hz



Main Features & Functions

Computerized Single Needle Quilting Machine (Industrial sewing machine head)

- This machine reaches the international advanced level.
- The advanced control software is applied and all technical performance has been highly improved.
- The maximum speed is up to 2200 RPM (the fastest and most efficient in like product).
- The machine has the function of thread break detection with high sensitivity.
- Simulate display of the design quilted.
- Display of the working speed, reasons for stop stitch, coordinate and design file directly, etc.
- A lot of designs can be read from a U-disk and stored in memory for a long term, which will be selected by the operator.
- During the course of quilting, once it occurs a power cut or shut off, designs or parameters that have been already set will still be saved in the computer for resuming the original designs while it is electrified.
- After reinforcing quilting parameters are set, return stitch will be realized automatically in a specified position. • When there is a corner during the course of quilting, the quilter will reduce the speed automatically.
- Machine head and frames are allowed to move at low or high speed.
- The machine greatly simplifies the transmission structure, prolongs the service life and reduces the maintenance cost.

Popular Models:	TD-22B	TD-24B	TD-26B	TD-30B	TD-35B
Working speed	Up to 2200RPM				
Stitch length	1-6mm	1-6mm	1-6mm	1-6mm	1-6mm
Max. quilting thickness	40mm	40mm	40mm	40mm	40mm
Quilt Size	2.2m x 2.4m	2.4m x 2.6m	2.6m x 2.8m	3.0m x 3.2m	3.5m x 3.5m
Max. Needle					
drop size	2.0m x 2.2m	2.2m x 2.4m	2.4m x 2.6m	2.8m x 3.0m	3.3m x 3.3m
Machine needle	18-22#				
Power	220V/50HZ/1.5KW				
weight	700kg	750kg	800kg	1000kg	1300kg
overall	3.0m x 2.9m x 1.4m	3.2m x 3.0m x 1.4m	3.4m x 3.4m x 1.4m	3.8m x 3.8m x 1.4m	4.3m x 4.5m x 1.4m

Machine Details Picture & Optional Parts

(1) Optional Sewing Head

Rotary head

- After Finish quilting, sewing head rotating automatically, easy to changing frame.
- TONGDA Pioneered the 1:1 quilting, with quilting frame fixed, sewing head and saddle tree move.
- in X/Y direction, tremendous improved the quilting precision. Maximum quilting size up to 3.2meters.
- Minimize the required installation area, solved the problem on traditional machine which occupied 2-4 times of moving frame model, increase the utilization rate of floor plan.

Lifting Sewing Head

- Sewing Head gets up automatically after finishing quilting that easy to change the frame.
- TONGDA Pioneered the 1:1 quilting, with quilting frame fixed, sewing head and saddle tree move
- in X/Y direction, tremendous improved the quilting precision. Maximum quilting size up to 3.2meters.
- Minimize the required installation area, solved the problem on traditional machine which occupied 2-4 times of moving frame model, increase the utilization rate of floor plan.

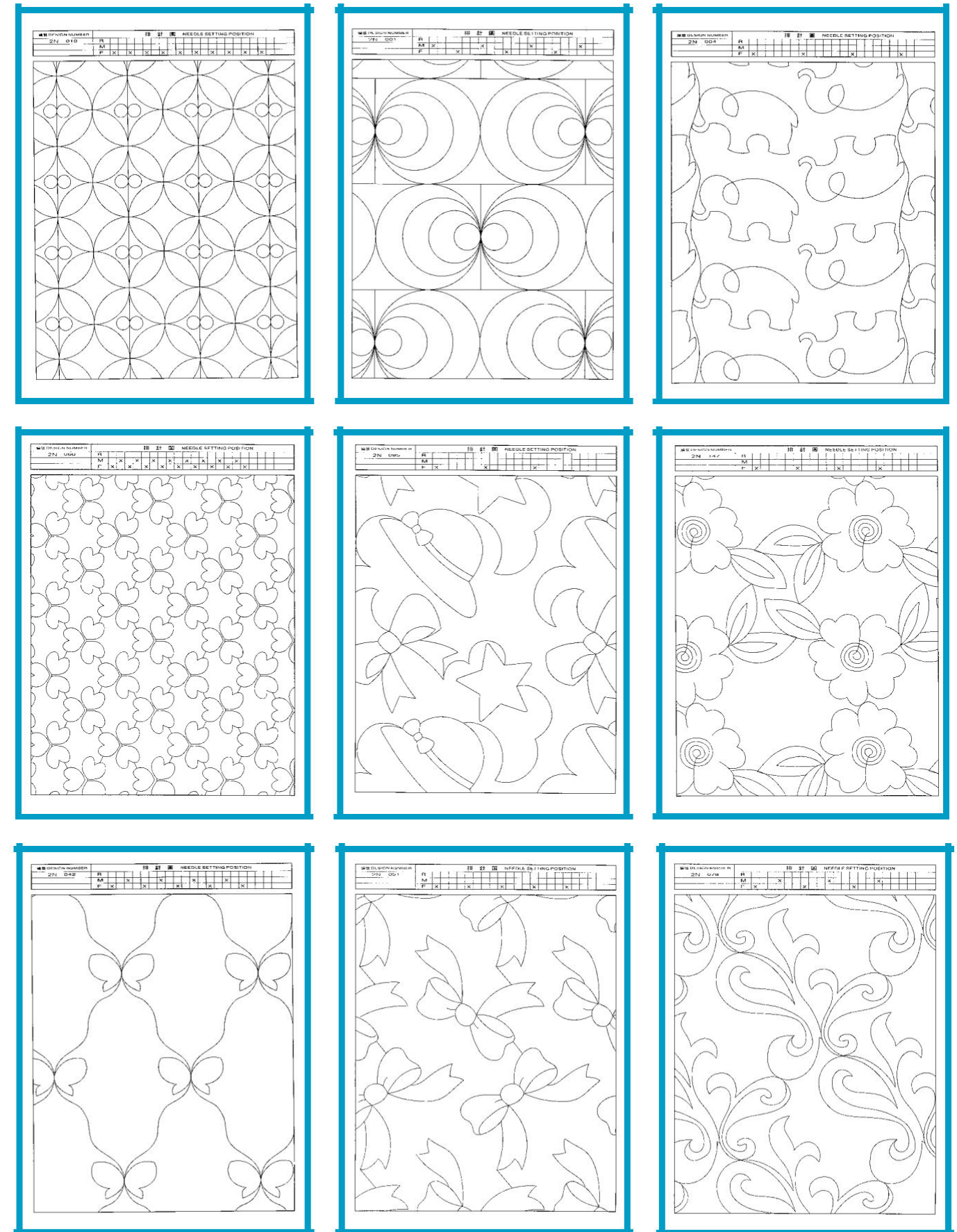
(2) V21 Touch Screen(10.4inch) computer control system

(3) Drived separately by Panasonic Servo Motors Given Higher Precision quilting work.

Drived separately by Evta, China Best Brand Motors also good in reasonable price.

(4) Atomization lubrication system

(5) Easy frame changer(Double layers)



BRANCHES

- Shandong Tongda Textile machinery Co.,Ltd
- Qingdao Tongda Textile Machinery Co.,Ltd
- Qingdao Weaving Machine Co.,Ltd
- Shandong Tongda Nickel Screen Co.,Ltd
- Shandong Tongda Synthetic Co.,Ltd
- Shandong Tongda Textile Machinery (group) Co.,Ltd

CONTACT INFORMATION

DE Global Consulting
(Authorised Agent for Tongda Machines)
11/12, Pushpa Apt. Vanaj Corner Kothrud,
Pune-38
Phone : +918780041406;+917203018558
email : sales@deglobalconsulting.com
atamvir.sharma@deglobalconsulting.com
website: www.deglobalconsulting.com
 wa.link/uy9ipa
www.china-tongda.com

