JACK

Urus

Full speed cross seam

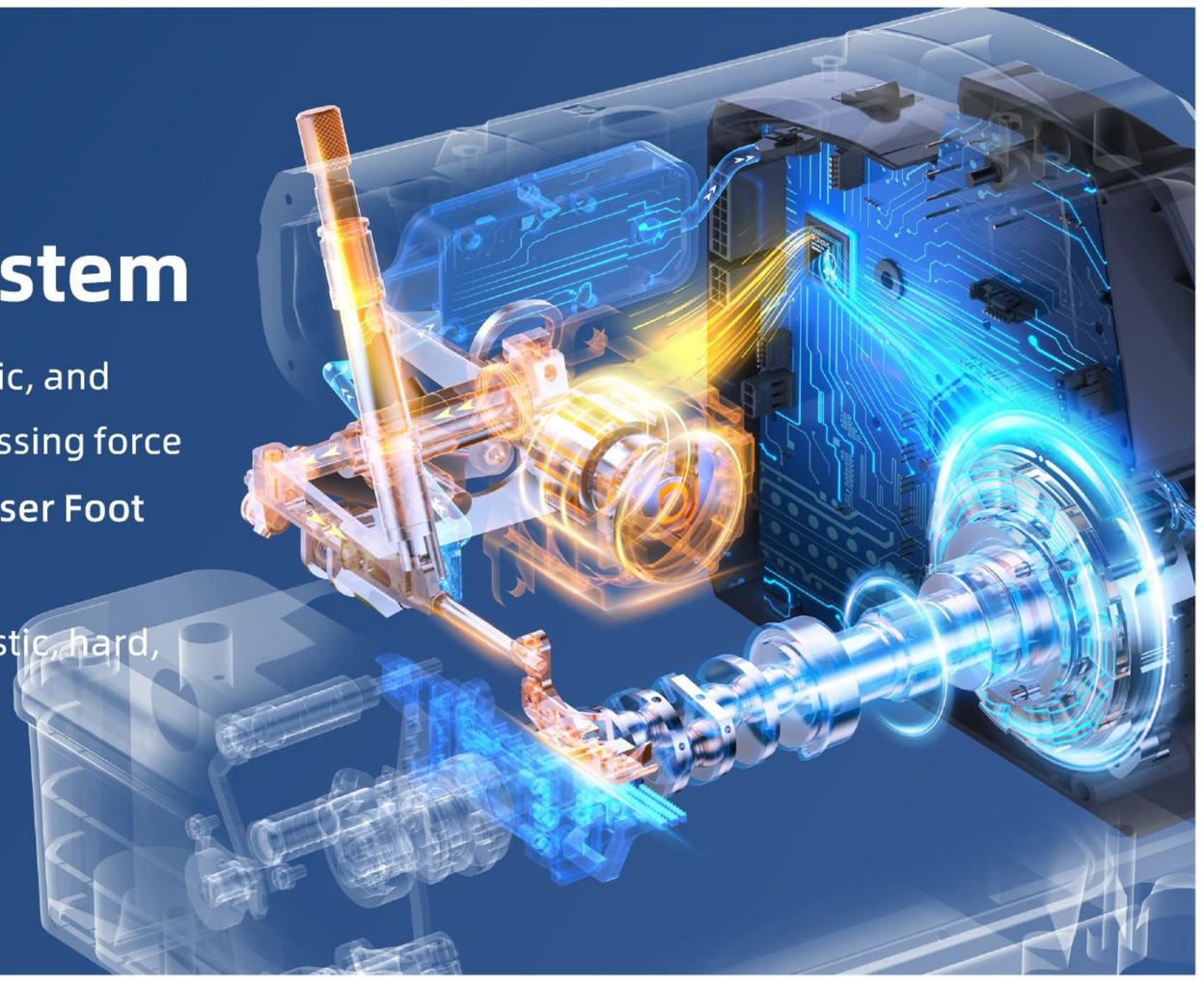
Presser Foot Transformer

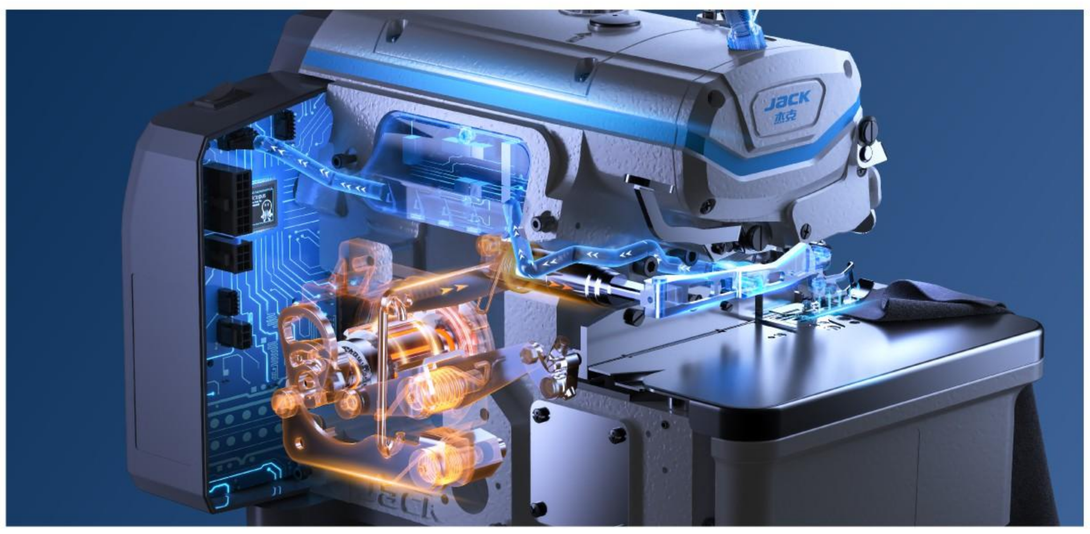
Joint

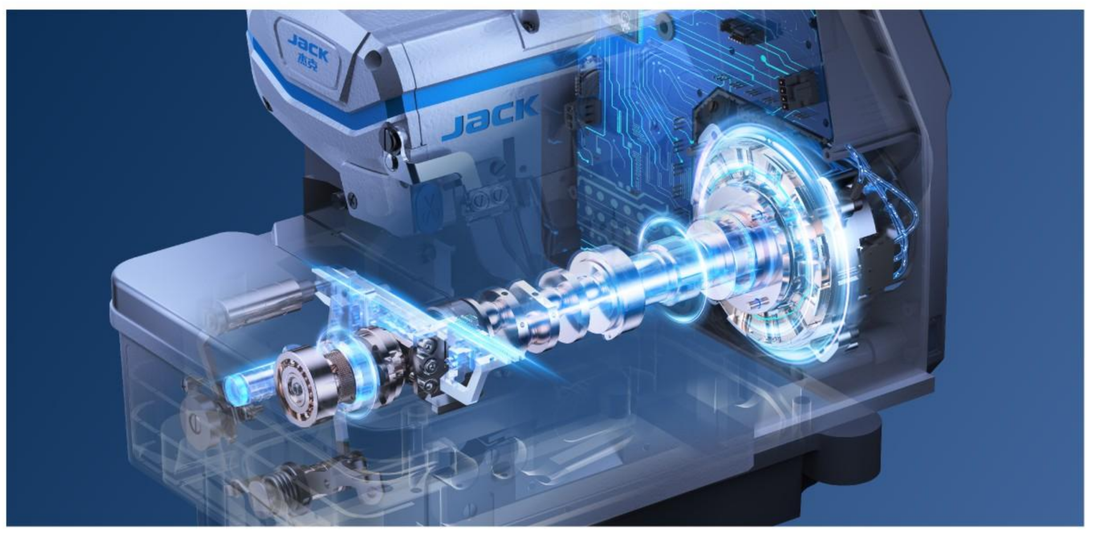
Smart Rhino Feeding

AI full speed feeding system

Real-time sensing position changes for the joint of fabric, and calculating the optimal coordination ratio between pressing force and feeding force through AI calculation,realizing **Presser Foot Transformer** and **Smart Rhino Feeding**,Synchronous response,cross through various joints of thick, thin, elastic, hard, etc. at full speed without slowing down.







- **Presser Foot Transformer:**
  intelligent perception, real-time pressure change
  32,000 times/second multi-modal intelligent detection + 1 million data models, achieving 0.00006 microsecond pressure response

- **Smart Rhino Feeding:**
  intelligent matching, precise feeding
  9.2Nm super torque + precise feeding force for every degree of 360 degrees

Value for customer

Comprehensive work effiency increase reach more than **10%+**

Technical Parameters

Model	Use	Needle	Needle Number	Thread number	Needle gauge (mm)	Stitch width (mm)	Stitch length (mm)	Differential ratio	Height of presser foot (mm)	Max. sewing speed (S.p.m)	Volume (mm)	Weight (kg)
C7-3-02/233	Basic seam	11#	1	3	/	4	0.8-3.8	0.7-2	6	7000	525*360*510	33/41
C7-4-M03/333	Basic seam	11#	2	4	2	2×4	0.8-4.6	0.7-2	10	7000	525*360*510	33/41
C7-5-03/233	5 x 5 stitch	14#	2	5	5	5×5	0.8-3.8	0.7-2	5	7000	525*360*510	33/41
C7-5-03/333	3 x 4 stitch	14#	2	5	3	3×4	0.8-3.8	0.7-2	5	7000	525*360*510	33/41
C7-5-53/233	covered seam	14#	2	5	3	3×4	0.8-3.8	0.7-2	5	7000	525*360*510	33/41
C7-5-M04/435	For Denim	19#	2	2	5	5×6	0.8-5	0.8-1.5	7	6000	525*360*510	33/41
C7-6-03/333	Basic seam	11#	3	6	3×2	3×2×4	0.8-3.8	0.7-2	5	7000	525*360*510	33/41
C7-6-53/233	Six thread covered seam	14#	3	6	3×2	3×2×4	0.8-3.8	0.7-2	5	7000	525*360*510	33/41
C7-6-M04/435	For Denim	19#	3	6	5×2.5	5×2.5×3.5	0.8-5	0.8-1.5	7	6000	525*360*510	33/41