SHAANXI HEJIA XIER INTELLIGENT TECHNOLOGY CO., LTD.

陕西禾嘉羲尔智能科技有限公司

Custom manufacturing to drawing — aramid 1313 fabric · 5-axis machine tools · CNC parts · micro motors

Company

Engineering-led supplier based in Xianyang, Shaanxi, China. We build to the customer's drawing or process requirement, never from a catalogue. Four lines share one supply base of 300+ qualified manufacturing partners in Shaanxi, which is how a single team can run textiles, machine tools, machining and motors in parallel.

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1. Aramid 1313 dyed fabric

- **Product —** meta-aramid (aramid 1313) woven fabric, 100–340 g/m², single colours and civilian camouflage; 100% meta-aramid, IIIA 93-5-2 and aramid / FR-viscose blends
- **Dyeing —** atmospheric-pressure continuous dyeing — 97% dye uptake (conventional beam dyeing typically 75–85%), no carrier chemicals, continuous and repeatable shade
- **Flame performance —** 0.0 s afterflame, char length 33 mm warp / 29 mm weft; test summary available on request
- **Capacity —** 50,000 m per day on a single line; 10,000 m per colour as the usual business threshold, project-based
- **Terms —** EXW; lead time confirmed per colour and quantity

2. Custom 5-axis machining centres

- **Configurations —** gantry type with 2.6 m or 3.0 m X travel, and cradle type with Ø650 rotary table
- **Specification —** HSK A63 / A100 spindles up to 20,000 rpm, direct-drive rotary axes, RTCP five-axis simultaneous control
- **Accuracy —** ±0.02 mm is our routine capability, not a limit; linear axes to 0.005–0.012 mm depending on configuration
- **Approach —** built to the customer's part family and process; no catalogue models, no published price list

3. CNC machining (drawing-based)

- **Materials —** aluminium 2A12 / 6061 / 7075, stainless 303 / 304 / 316, titanium, alloy steel
- **Volume —** 500 to 20,000 pieces per order; 3-day quotation and 7-day samples
- **Quality —** CMM inspection on critical dimensions, first-article report, material certificates, heat-number traceability on request

4. Micro and special motors

- **Types —** brushless, coreless (down to Ø6 mm), torque, high-speed permanent-magnet and high-temperature asynchronous motors; gearboxes and controllers
- **Track record —** six import-substitution cases with customer-measured data, e.g. efficiency 86% → 89% and weight 1150 g → 940 g against a Swiss reference motor
- **Service —** 3-day technical review and quotation, 7-day prototypes, volume lead time by quantity

How we work

Every enquiry is answered with an opinion on the part, not a price list. Quotations are prepared per drawing or per specification, NDA available, and third-party testing can be arranged at the customer's request. Specifications in this sheet are indicative and confirmed per project.