**NC-120 NC cutter helical knives**



ⅰ、Structural features：

★It can store 200 units orders，replace the cutter specifications quickly and accurately，changing orders without stop,And enables networked computers to facilitate production management.

★Knife shaft drive gears are precision forged steel induction hardening, backlash-free transmission, advanced keyless connection, high transmission accuracy。

★Cutting machine adopts inlaid front steel blade knife spiral structure, serrated knife. scissors, shears, shear force, long blade life。

★Around feed rollers are used the sun gear platen way, smooth delivery, pressure evenly, easy to crush plate board or cause blockage。

★This type of brake is energy storage type (non-energy brake), so in the process of production, the average power consumption is 1 / 3 of that of the ordinary NC cutting machine, saving more than 70% of electricity and achieving the goal of saving money.

★Exact and adjustable no gap gear to ensure precise blade engagement, running balance.

★Independent oil pump and filter are used to distribute two sets of copper pipes in each gear position to feed oil, lubricate and cool.

★Knife roller: fine quality forged steel material, the balanced, with good stability.

ⅱ、Technical parameter技术参数：

★Effective width：1800mm

★Operation direction：left or right（determined in accordance with customer plant）

★Design speed: 100 m / min

★Mechanical configuration: computer helical cutter crosscutting

★Minimum cutting length：500mm

★Maximum cutting length：9999mm

★Cutter accuracy: Uniform for ± 1mm, non-uniform to ± 2mm

★Equipment size: Lmx4.2 Wmx1.2 Hmx1.4

★Single machine weight: maximum 3500kg

ⅲ、Roller diameter parameter：

★Cross on the knife shaft center distance：￠216mm

★Before the lower conveying roller diameter ￠156mm

★After the lower conveying roller diameter：￠156mm

★Roll diameter: 160mm。

★Output solar wheel diameter: 160mm

Note: all roller shafts after grinding, the surface of hard chromium plating (except upper, lower tool shaft).

ⅳ、Powered motor parameters：

★main drive motor power：12.5Kw Full AC synchronous servo

★Before feeding motor power：3Kw（Frequency Control）

★Oil pump motor power：0.25Kw