

PT-CNC

CNC SWAGING AND EQUALIZING MACHINE

CNC Controlled, Multiple Swaging – Single Equalizing



Introducing the Ultimate CNC Swaging and Equalizing Machine

Get Ready to Revolutionize Your Workshop!

Are you tired of dull, inefficient band saw blades that slow down your productivity?

Say goodbye to those struggles because we have the perfect solution for you!

The swaging type band saw allows the tooth to be shaped in the most economical and efficient way among the tooth shaping types. For swaging, a swaging pin is placed in front of the saw tooth. The sawtooth is held in place by an anvil. By turning the eccentric swaging pin hydraulically, the swaging pin is pushed towards the tooth tip. When the swaging process is finished, the swaging pin returns to its starting position. Equalizing takes place as the second operation after swaging, i.e. the material pushed against the tooth sides is hydraulically pressed together with its appropriate jaws, so that the tooth tip tapers conically downwards and backwards. Because the swaging sawtooth cuts across the entire tooth width, it does the same job as would be done by two teeth in a set saw. Thanks to the larger number of main and secondary cutting surfaces, cutting power increases, tearing fibers in hardwood. Additionally, the hardness of the strip material increases thanks to the cutting process. In this way, it provides longer cutting life in logs with sandy/stony structure.



abm
Grinding Technologies

PT-CNC

GENERAL FEATURES

- PT type swaging machine has a robust body design.
- CNC controlled and hydraulically driven swaging and equalizing system provides great convenience for grinding services. Together with our CNC grinding machine, it creates an indispensable system.
- The machine is controlled as CNC and equipped with hydraulic drive.
- Swaging concentrates the tooth point of the saw tooth, allowing for smoother and more accurate cutting of wood and achieving higher production.
- Thanks to the CNC pushing system, the same tooth can be swaged once or twice from the CNC screen and equalizing in a single turn.
- Suitable for swaging and equalizing band saws of all common sizes up to a maximum thickness of 3.0 mm and a width of up to 300 mm.
- With the pin, anvil and dressing jaws mechanism, which has been proven by many years of ABM experience and is widely used in the market; Continuity in swaging operations are our key components for operational safety, optimum operating results and durability.



Swaged Tooth



Equalized Tooth



Grinded Tooth



Swaging Operation

