

VERTICAL SCANNER

FOR THERMIC INDUCTION HEATING TREATMENTS



Dual Scanner

Single Scanner

Scan length

21.6"
55cm

21.6"
55cm

Scan velocity

2.1 in/sec
53mm/seg

2.1 in/sec
53mm/seg

Spin velocity

0-490 rpm

0-490 rpm

Weight of the piece to harden

6" por eje
15cm por eje

8.5"
21.5cm

Axle

2

1

Water to hardening

31GPM
120LPM

31 GPM
120 LPM

Pyrometer

2

1

Our customer:

PRODUCT SPECIFICATIONS:



- Motors and mechanisms for vertical movement.
- Rotation speed adjustment by squirrel cage motor and variable frequency drive.
- Monitoring and control of quenching water by Flow meters and pumps.
- Tank for collecting the quench water with filter to collect slag particles.
- Electrical control board with a touchscreen user interface and monitor for storage and record of the main variables.
- Control of temperature for quenching water by heat exchanger and heating resistor.
- PLC controlled.



PRODUCT CHARACTERISTICS:

- Versatile, works with power supplies from 5kw to 100kw (if more than 100kw is needed, dimensions change).
- Easy cleaning of the water by magnetic drum separator and bagfilter.
- Up to 100 quenching recipes storage.
- Interchangeable plate heat exchanger for cleaning ease.

