

vallorbe[®]

SWISS



V|OAK Automated saw chain sharpener



APPLICATION NOTE

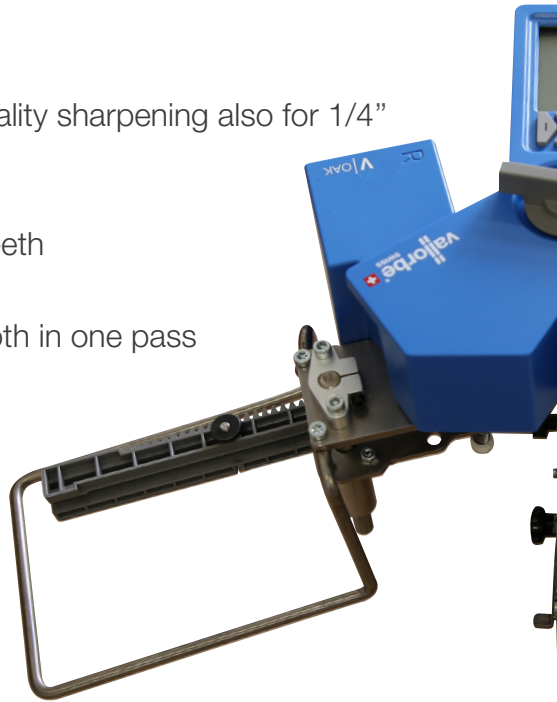
INNOVATIVE SHARPENING SO

Performance

Efficient and consistent quality sharpening also for 1/4" low-profile (picco) chains

No high heat, no burnt teeth

Sharpens raker and tooth in one pass



Ergonomics / Safety
Environmentally friendly

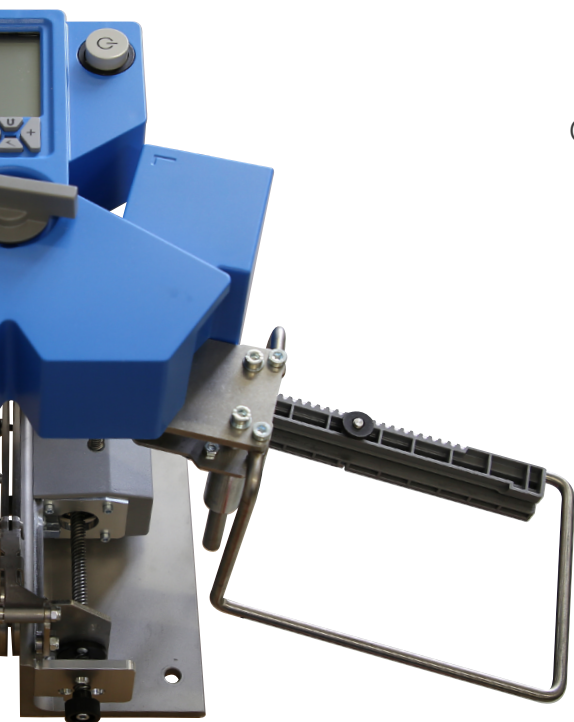
OLUTION FOR PROFESSIONALS

Ease of use

Compact and user friendly

Short set-up time

Maintenance free



No sparks or projectiles, reduced fire risk

Safe sharpening, better bar and chain performance

Environmentally friendly

Performance

Precisely replicates manual sharpening

Sharpens left/right cutters for a balanced chain

Chain range from 1/4" to .404" (Picco)
up to 166 links

All chain profiles: square chisel and round chisel

Repair possible of unbalanced chains Files
all cutters to same dimension

Cutting edge adjustable
Side angle set at 5°

Efficient, consistent quality sharpening

Low heat, so won't burn cutters / teeth

Files rakers and teeth in one pass

Ease of

Programmable number
adjustable wh

Sharpens with files a
Minimal prepar

Hi-performance files
Made in S

Easy for all members
and sh

Compact and

Low main

5 use

Ergonomics / Safety / Standards Environmentally friendly

of file strokes and force,
file sharpening



Worldwide new patented innovation

and without grinding
ration required

Easy to transport (9 kg)

from leader Vallorbe
Switzerland

Low noise level

s of your team to use
sharpen

CE / CUL certified

d user friendly

Power supply 110/220VAC or 12/24V

aintenance

Spark and projectile free for reduced risk of fire

Sharpens safely and enhance bar
and chain performance



Eco friendly



KWF-Profi certified



Return on Investment

Less than 12 months pay back

Economics

Low consumables costs
(compared to grinding wheel sharpener)

No throwing away saw chains due to overheating
and burnt cutters

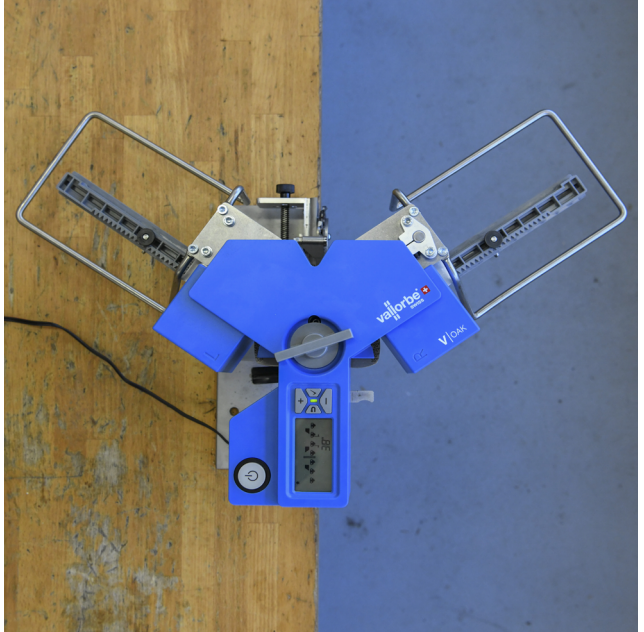
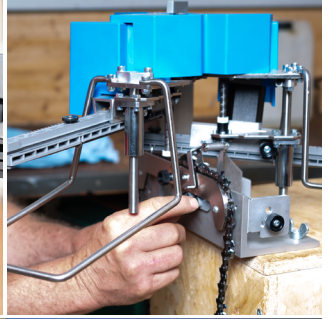
Extends life of saw chains and bars

Boosts yield and productivity of equipment
(harvester, chainsaw) through better cutting performance

Longer time between sharpenings

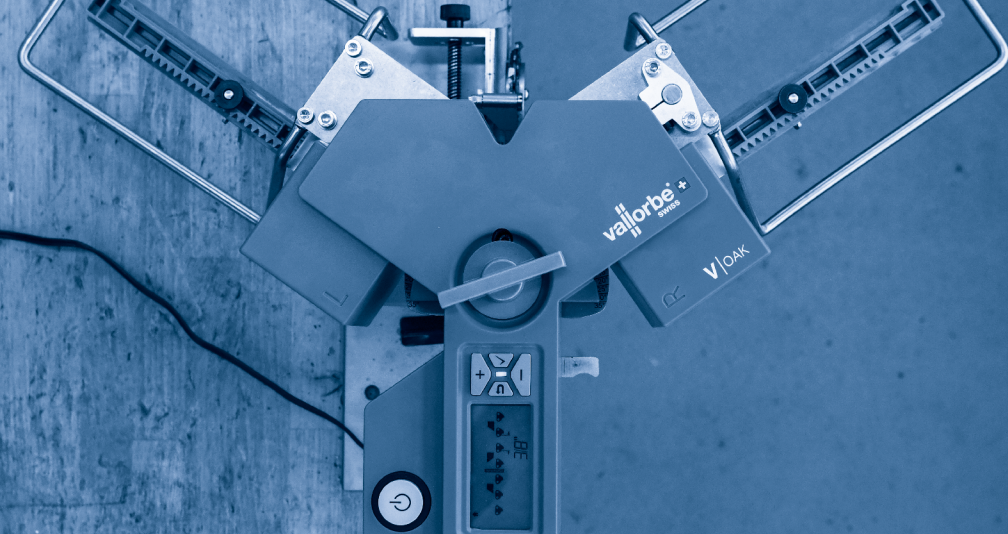
No high-cost replaceable grinding wheels

Low environmental impact



Technical data

Saw chain pitch	1/4", .325", 3/8", .404" including low-profile (picco), skip chain and with two back to back same-side cutters
Saw chain types	Semi-Chisel and Full-Chisel
Cutting angle	User pre-defined: 10°, 15°, 20°, 25°, 30°, 35°
Vallorbe® files	Round: 1/8" (3.2 mm), 9/64" (3.6 mm), 5/32" (4 mm), 11/64" (4.5 mm), 3/16" (4.8 mm), 13/64" (5.2 mm), 7/32" (5.5 mm) Flat: 6" for depth gauge
Saw chain length	Up to 166 drive links (with adequate floor clearance)
Power supply	12VDC/24VDC or 110VAC/240VAC – 50Hz/60Hz
Dimensions	H10" x L12" x W24"
Weight	Approx. 20 lbs



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