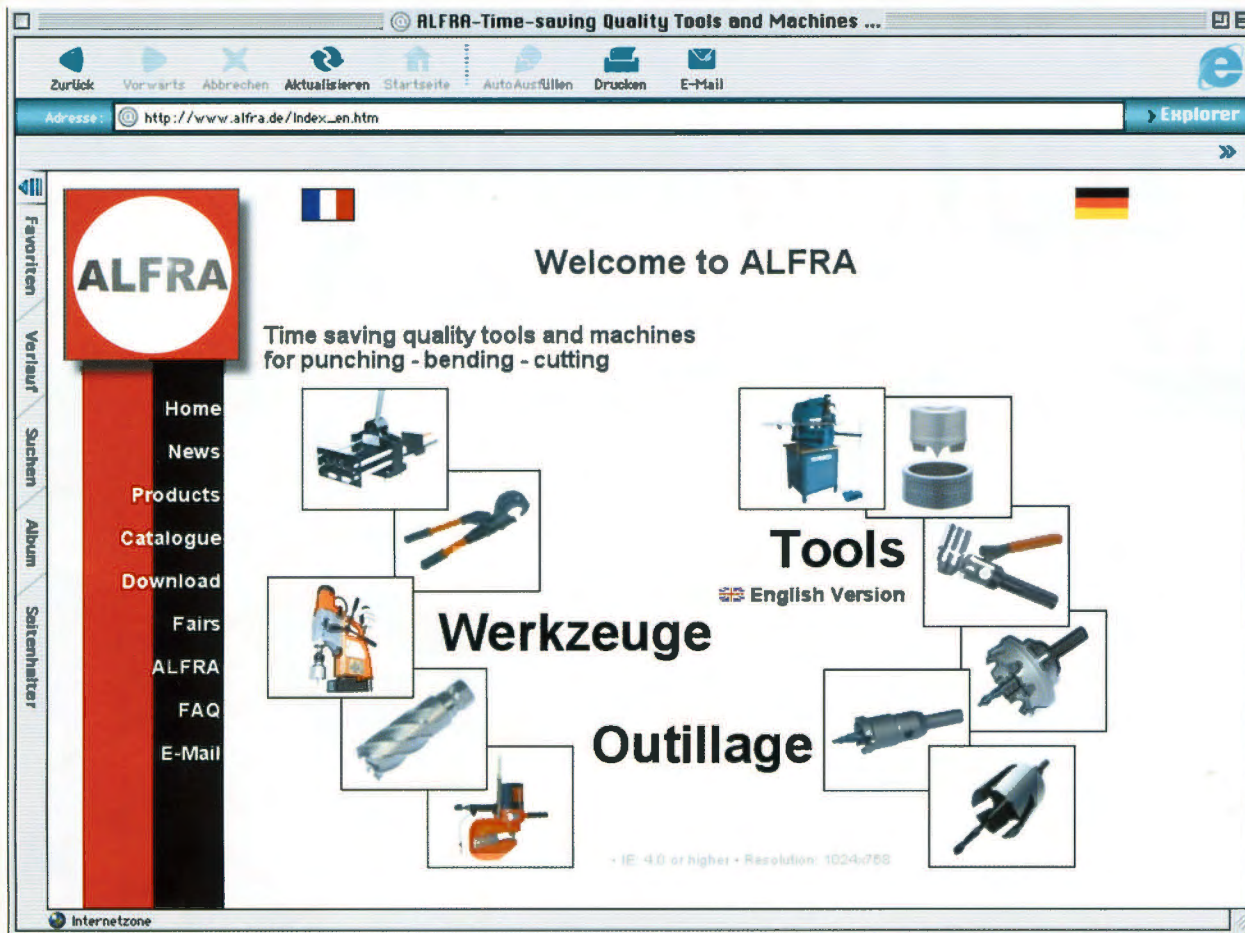


Quality Tools and Machines

PUNCHING BENDING CUTTING



NATURALLY ALSO ON THE INTERNET – www.alfra.de





OUR PRODUCT RANGE

A

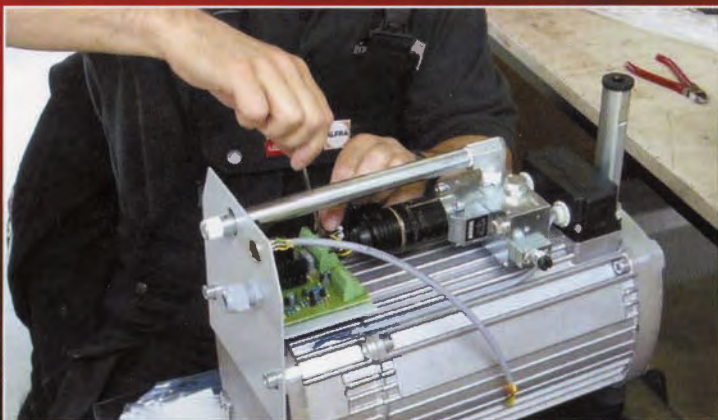
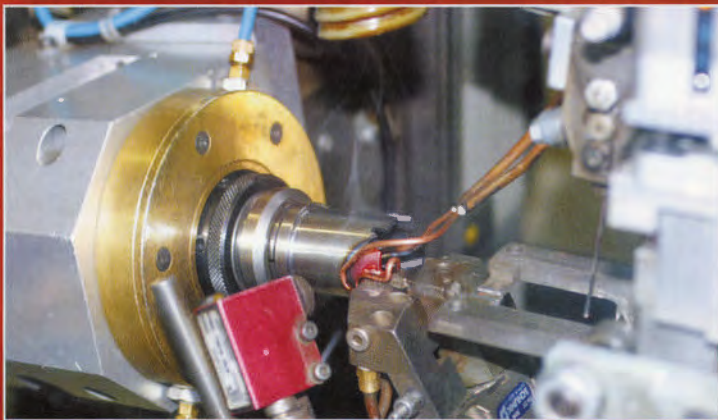
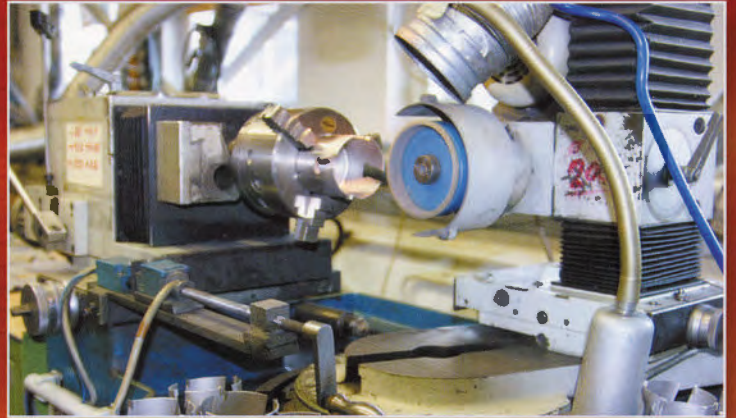
PUNCHING – BENDING – CUTTING



B

DRILLING – PUNCHING – CUTTING – DEBURRING





INDEX OF TOOLS AND MACHINES for control cabinet and switchgear engineering + cutting



Punch Tristar



Punch sets Tristar



Punch and sets Tristar Plus



Punch and die Tristar Plus S



Puncher Standard/sets



Puncher Sanitary



Puncher Square/rectangular



Puncher Special shapes



Puncher Sub-Min-D



Nibbing tool ASN



Accu-hydraulics Punching/sets



Hand hydraulics Punching/sets



Hydraulic pumps
manual, electro, pneumatic



Notch pliers



Cutting tools for mounting rails



Wiring duct cutting tools



Busbar Machining



Pressing tools



Cable cutters



Stationary punching machines



HSS-Bi-Metal Hole Saws/Sets



TCT-Hole Saws – Short Type



TCT-Hole Saws – Long Type



TCT-Hole Saws – MBS-Light



TCT-Hole Saws – MBS-Pro



TCT-Hole Saws – FRP type



Multi-Step Drills

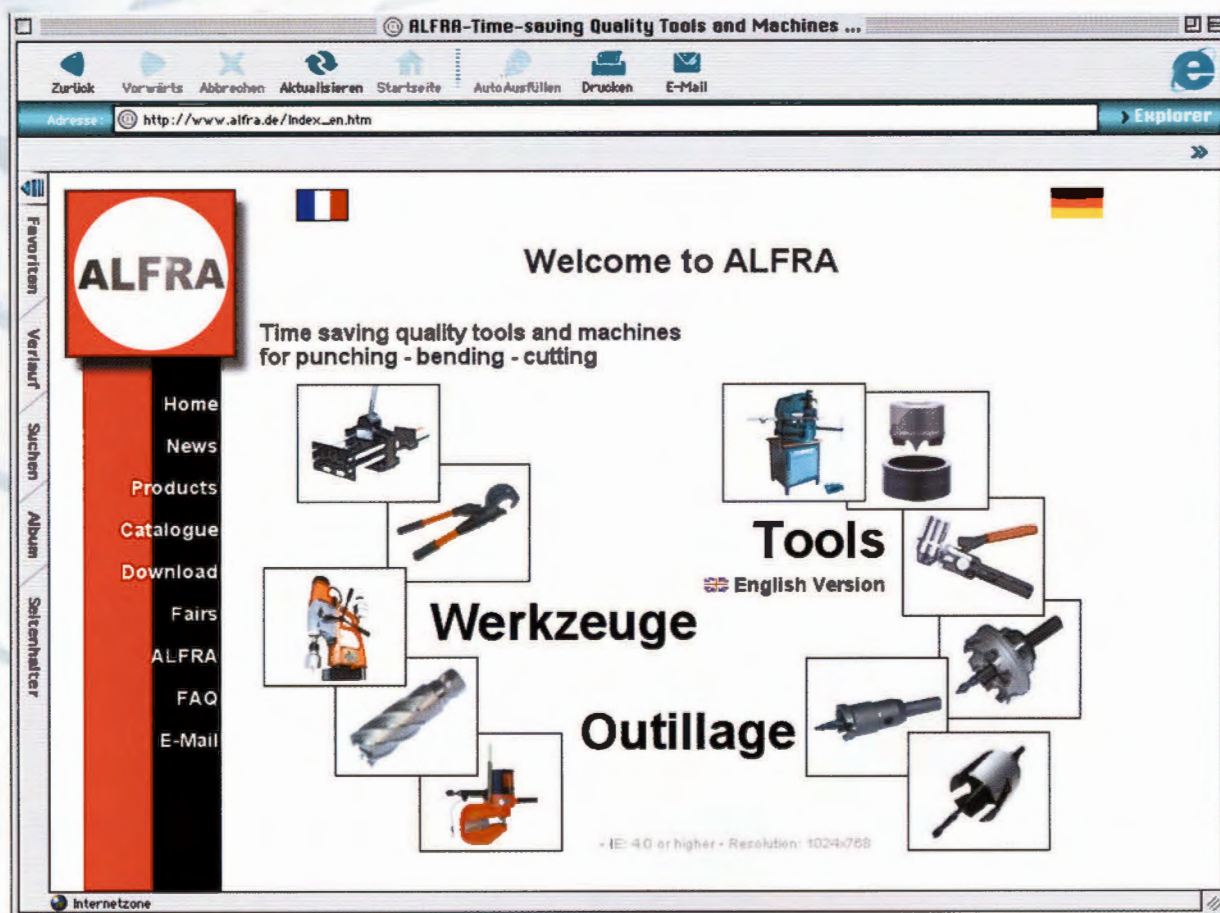


Precision Conical One-Lip Bits

PLEASE SEE ALSO OUR WEBSITE



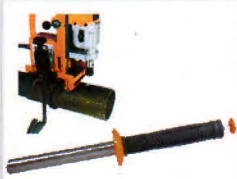
WWW.ALFRA.DE



DRILLING – PUNCHING – SAWING – DEBURRING



Metal Core
Drilling Machines



Accessories Metal Core
Drilling Machines



Metal Core Drilling -
Tapping



Tool Holders/
Adaptors



Cutters
HSS-Co-Eco



Cutters
HSS-Co RQX



Cutters
ASP-30 Rail



Cutters HSS-Co Eco
suitable for FEIN



TCT-Cutters
suitable for FEIN



TCT-Cutters Weldon



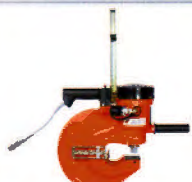
TCT Cutters AL



Adaptors/ Extensions



Hydraulic Punching Units
single-acting



Hydraulic Punching Units
double-acting



Hydraulic Pumps



Metal Cutting Saws
RotaSpeed® 200/230



RotaSpeed®
Circular Saw Blades

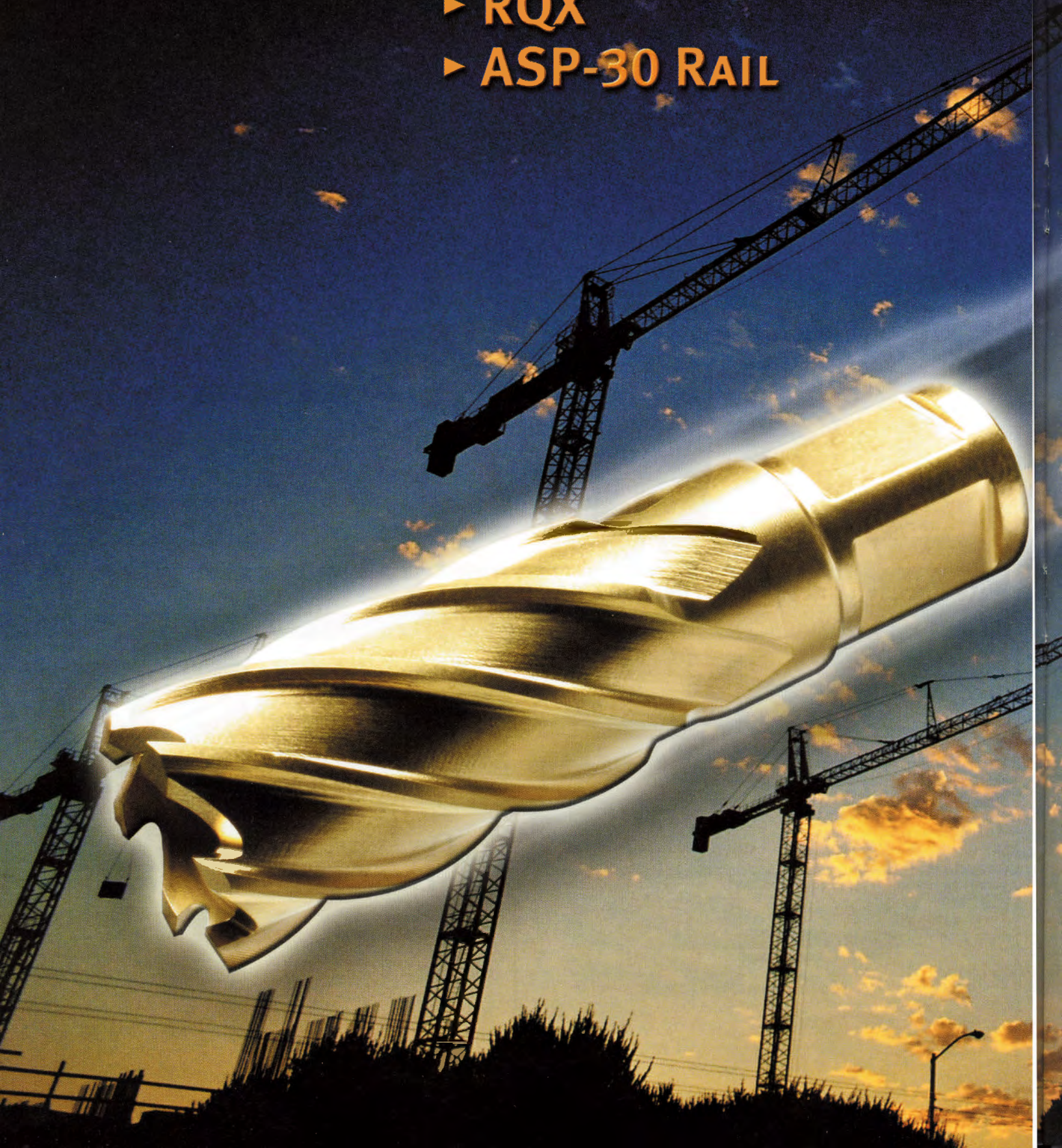


Deburring Machines/
Bevel Milling Machines

METAL CORE CUTTERS HAVE GOT A NAME

ALFRA ROTABEST®

- ▶ HSS-Co-Eco
- ▶ RQX
- ▶ ASP-30 RAIL



ALFRA ROTABEST® MAGNETIC CORE DRILLING MACHINES + ALFRA ROTABEST® CUTTERS BELONG TOGETHER. PERFECTLY TUNED WITH EACH OTHER.

MANUFACTURER'S COMPETENCE
25 YEARS OF EXPERIENCE

Advantages of ALFRA ROTABEST HSS-Co Cutters

- Design** Specially designed cutting geometry
- Advantages**
- Immediate centering
 - No running off center
 - Good concentricity
 - Suitable for NC and CNC machines

- Design** Optimum regular chip break
- Advantages**
- Smooth cutting
 - Excellent cutting capacity
 - Good chip production at each tooth
 - Regular chip flow

- Design** Minimum cross section of chip removing surface
- Advantages**
- Easy cutting
 - Low torque
 - Minimum demand for energy

- Design** High tooth hardness due to optimum raw material and special heat treatment
- Advantages**
- Long tool life
 - Also suitable for material difficult to cut

- Design** High toughness of cutter, specially graduated hardness
- Advantages**
- Low risk of tool break, especially under rough working conditions

- Industrial scale manufacturing by state-of-the-art CNC technology
- Best reproducibility
 - Constant quality

