

Flat grinding processes in metal applications

Ideal for very demanding applications

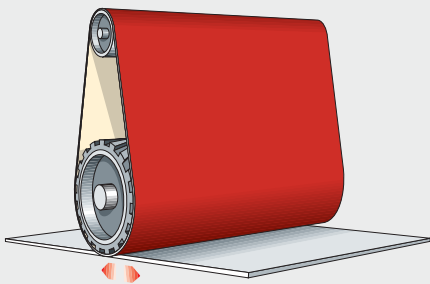
There is continuous evolution in the world of metal working and surface refinement. Technical progress is accompanied by ever increasing end-user demand. In an intensely competitive environment, VSM is the partner offering you advances in performance. The quality and versatility of our abrasives is the key to a perfect surface finish, both technically and visually.



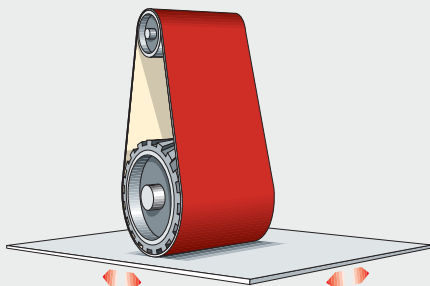
Solutions for your grinding processes...

- dry and wet grinding
 - with emulsion, oil, grease, or water
- deburring and descaling
- edge bevelling and -chamfering
- removing burrs

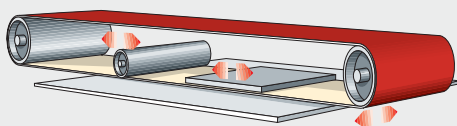
Wide belt grinding machine with contact roll



Narrow belt grinding machine with contact wheel



Narrow belt grinding machine with pressure roll or -shoe



...workpieces

- sheet metal for equipment and containers used in the chemical industry
- sheet metal for equipment and containers used in the food- and beverages industry
- sheet metal for highest strength components
- steel strips for razor blades
- steel strips for thermo bimetals
- press parts
- flame-cut parts

...finished products

- saw blades for band- and circular saws
- large kitchen equipment
- dishwasher and washing machines
- kettles, pots and pans
- thermo bimetals
- facade- and wall cladding
- metal furniture components
- intermediate plates for multi-layer presses
- equipment and containers for the chemical, food- and beverage-industries

Your benefit:

Our **high-tech abrasives** like ceramic grain (CER), zirconia alumina (ZA) and compactgrain (COM) are **self-sharpening** and therefore give you vital advantages:

Reduction of down time and grinding costs

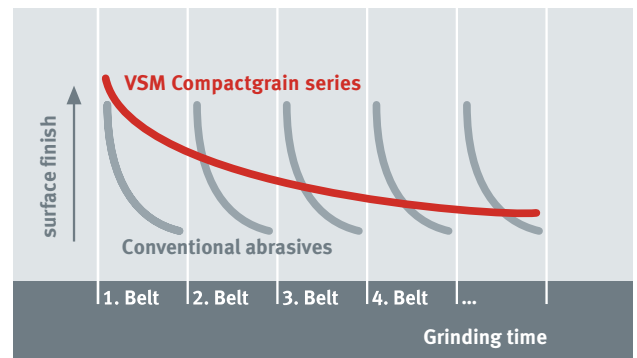
- extremely long life
- less change of abrasives
- less adjustments to the grinding parameters (contact pressure, feed rate, cutting speed)

Consistent surface finish

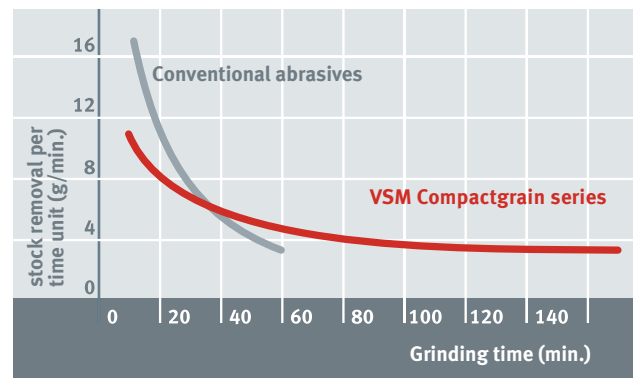
- high level of quality
- consistent quality of backing material due to in-house production of raw materials
- belt joints to suit the particular grinding operation
- smooth operating characteristics in the grinding process

Optimization of your grinding processes

- analysis and advice by our trained and experienced application engineers
- guarantee for the best grinding solution for your application
- 140 years of experience in grinding processes



Both in wet and dry grinding applications, VSM abrasives have a long life and significantly reduce down time.



The abrasive stock removal rate remains consistent throughout the grinding process.

