

### from TOP Technology and Operational Practice

#### 405 STEEL VIPs

*Kerstin Garbracht presenting:*

**Vinod K. Mittal, Managing Director and Member of the Board of Ispat Industries Ltd.**

*Thomas Flehmig and Stefan Schwarz:*

#### 408 Hydroforming complex hollow sections

*Bernhard Engl:*

#### 413 Potential uses and new production technology for magnesium sheet

*Heinz Palkowski and Lutz Wondraczek:*

#### 419 Magnesium alloys – what comes up what goes around

#### 422 STEEL CLIPs

*Kerstin Garbracht presenting:*

**Diehl Remscheid**

*Kerstin Garbracht:*

#### 425 Steel - from semi to the final product

*Jürgen Cappel:*

#### 429 Why not be a steel baron yourself?

### from R&D Research and Development

*Jnan P. Hajra, Fritz Aldinger and Hans J. Seifert:*

#### 433 Derivation and applicability of the partial functions of the quaternary system involving higher order interaction coefficients

*Anna Wasilkowska, Wolfgang Loos, Ewald Werner, Sandra Traint, and Andreas Pichler:*

#### 440 Mechanical anisotropy of pre-strained low alloyed TRIP-aided steel sheets



Hydroforming is a young but emerging technology. First applications of the thus manufactured steel tubes can be found in automotive construction as a contribution to weight reduction. Another question as far as weight reduction is concerned focuses magnesium - is it already on the cusp of breakthrough?



The highest skyscraper of the world is currently being built consuming a good deal of steel. Did you know that they used armoured steel to get Taipei 101 anti-seismic? Armoured vehicles, as, e.g. tanks, move on tracks made of an alloy special steel



