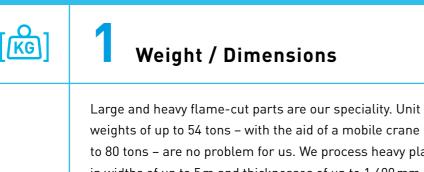


# PICTUREBOOK FLAME CUTTING

## PICTUREBOOK **FLAME CUTTING**



weights of up to 54 tons – with the aid of a mobile crane up to 80 tons – are no problem for us. We process heavy plates in widths of up to 5m and thicknesses of up to 1,400 mm in the case of materials like S690, up to 350 mm. We keep heavy plates in stock in thicknesses ranging from 8 to 650 mm.



### Technology

Page 8-15

Whatever the product - simple, highly complex or finished -Jebens always provides precision steelwork. We even flame cut multidimensional contours with tight radii in a wide range of different cutting heights, widths and depths, and in this way reduce the need for mechanical processing. Our high-performance machinery includes machines for plasma and oxygen cutting as well as chamfering robots. In the case of simple flame-cut parts, we also take on high-speed jobs with ultra-fast delivery.





## Tolerances

When it comes to precision, we never compromise. So the most stringent demands for flatness and tightest tolerances over the total length of a part are completely self-evident to us. The reproducible premium quality of our profiles is our guarantee for maximum reliability. We can cut with a precision that is tighter than the tolerances stipulated in the EN ISO 9013 standard.

## Materials

Our stock programme encompasses structural the steel types S235JR+N and S355J2+N as well as the pressure vessel steel types P355NL2 and SA516Gr70. In addition, we also stock the alloyed steel types C45, 16MnCr5 and 42CrMo4, the high-tensile steels S690 and S960, as well as ballast materials. All other grades are available as new production from Dillinger. We maintain a continuous stock of 30,000 tons of primary materials in widths of up to 3,500 mm mostly sourced from Dillinger quality production.



### Page 20-23

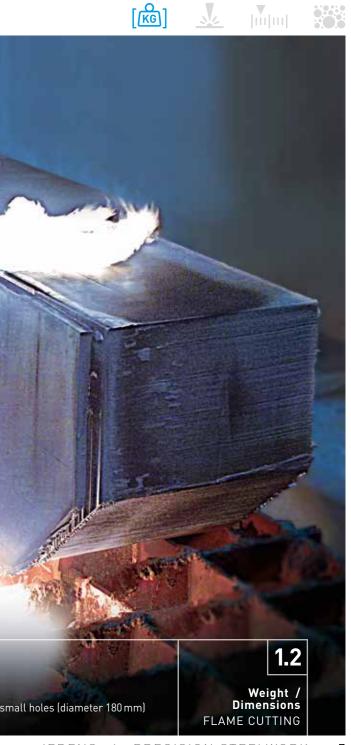






Particularity: Very deep conical inner out-cut with a length of 630 mm

Application: Lever Steelgrade: S355J2G3



JEBENS I PRECISION STEELWORK 7

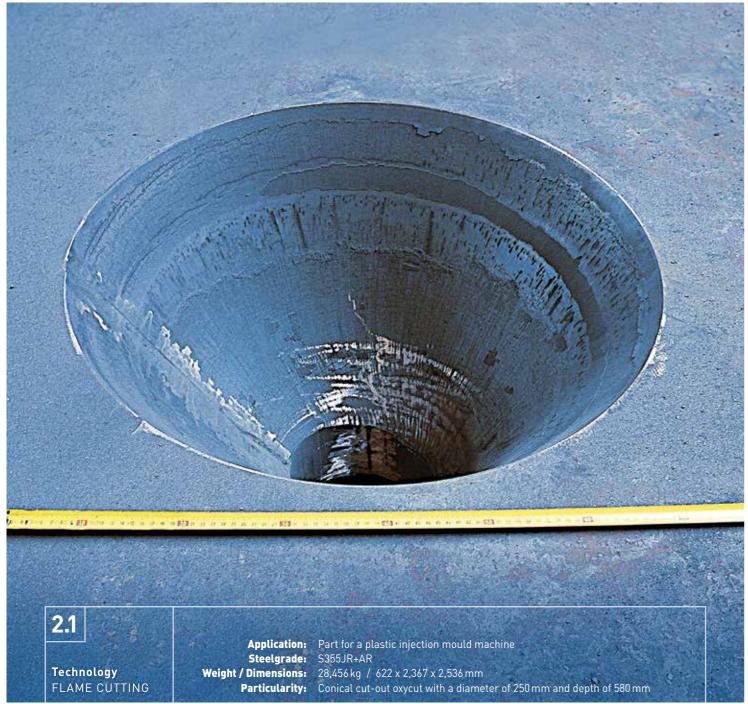


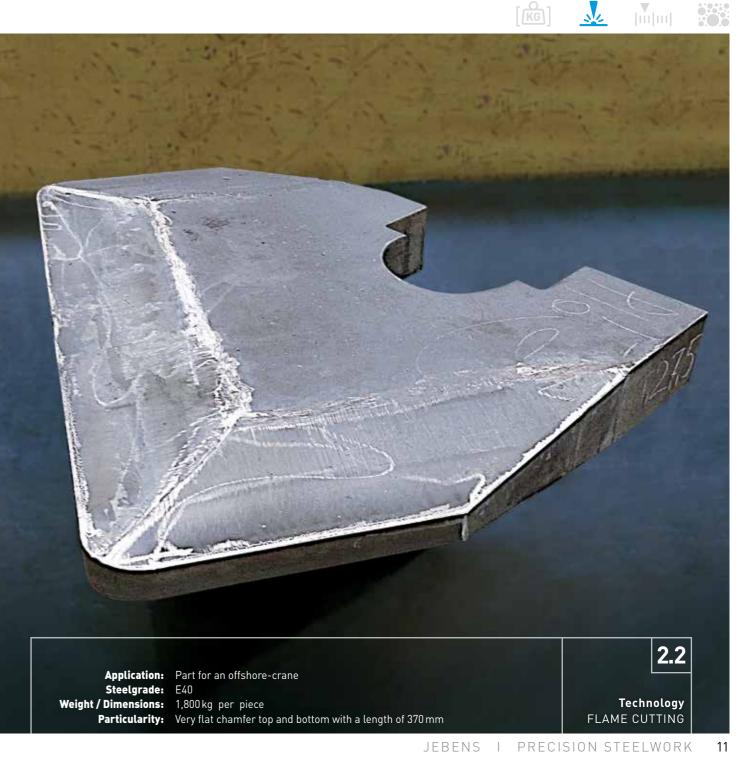


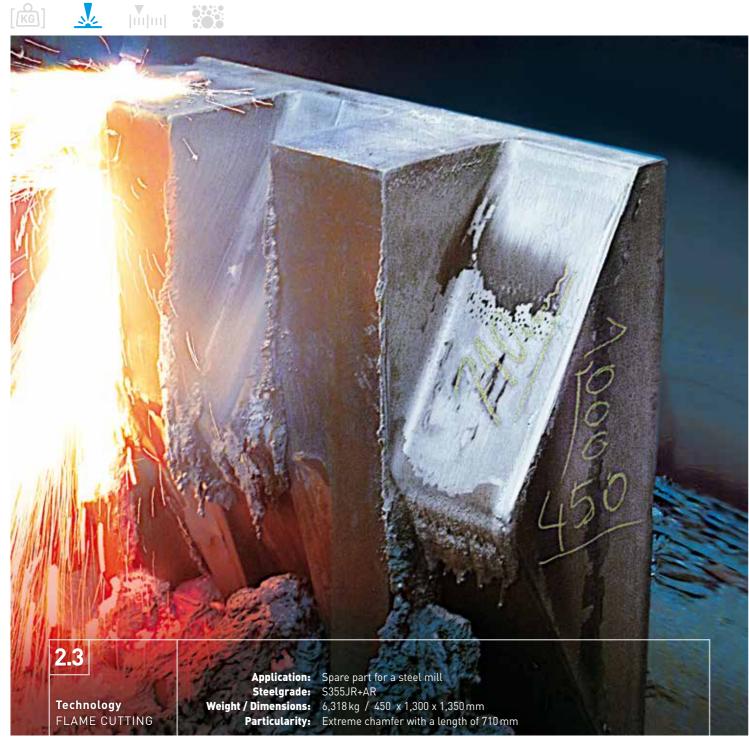


Enormous weights, intricate geometries, multidimensional cuts and varying bevel angles – thanks to sophisticated flame and temperature control, we can often make the impossible possible.











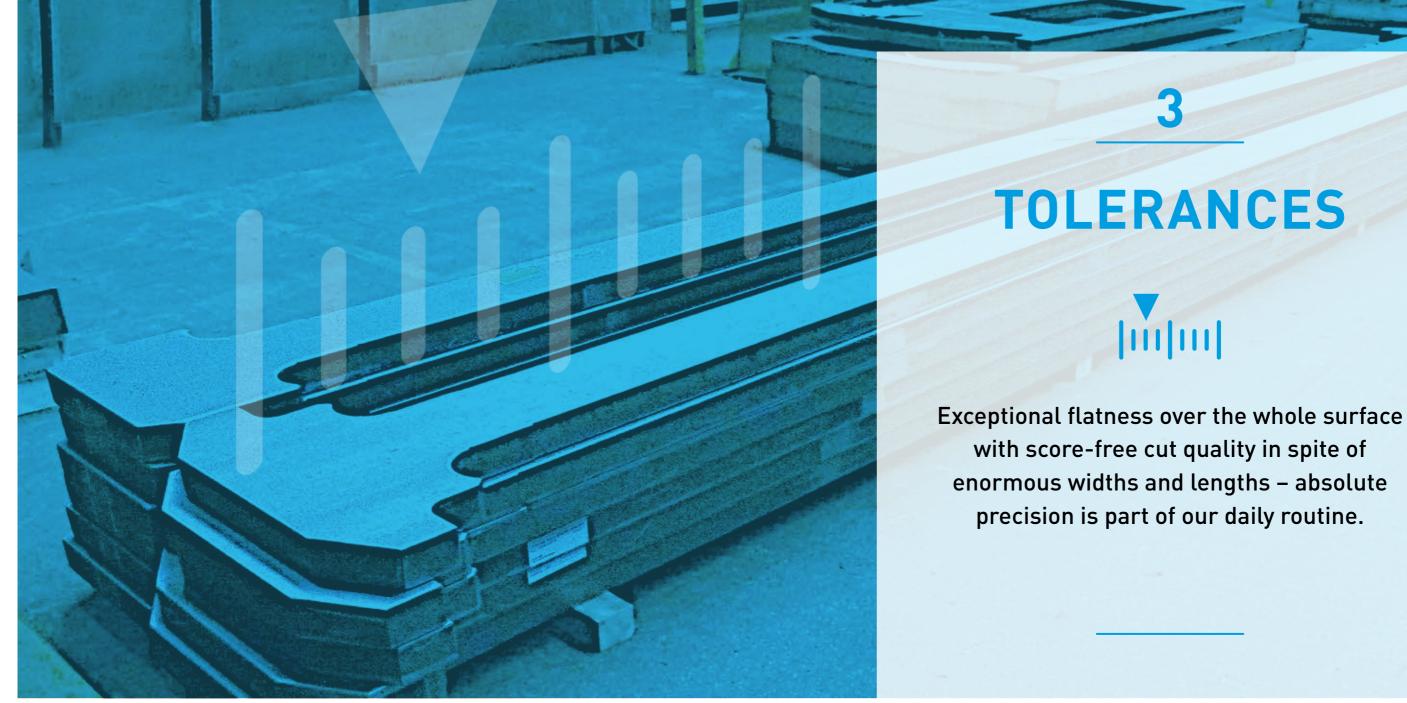
SV.











## mini

with score-free cut quality in spite of enormous widths and lengths – absolute precision is part of our daily routine.





Weight / Dimensions: 3,100 kg per piece / 85 x 1,050 x 12,445 mm **Particularity:** Extreme precision requirements flatness of 3 mm on total length and the cutting quality, edges had to be reworked to keep the notch factor for the component as low as possible

Tolerances

FLAME CUTTING







We have one of Europe's largest stocks of steel plate over 200 mm thick, also in high-strength materials, and we have access to Dillinger quality products – in other words the best preconditions for high-speed order processing.

# MATERIALS







JEBENS I PRECISION STEELWORK 23



### Jebens GmbH

Daimlerstraße 35 – 37 D-70825 Korntal-Münchingen

Phone +49 (0) 711 80 02-0 Fax +49 (0) 711 80 02-100

info@jebens.dillinger.biz www.jebens.de



