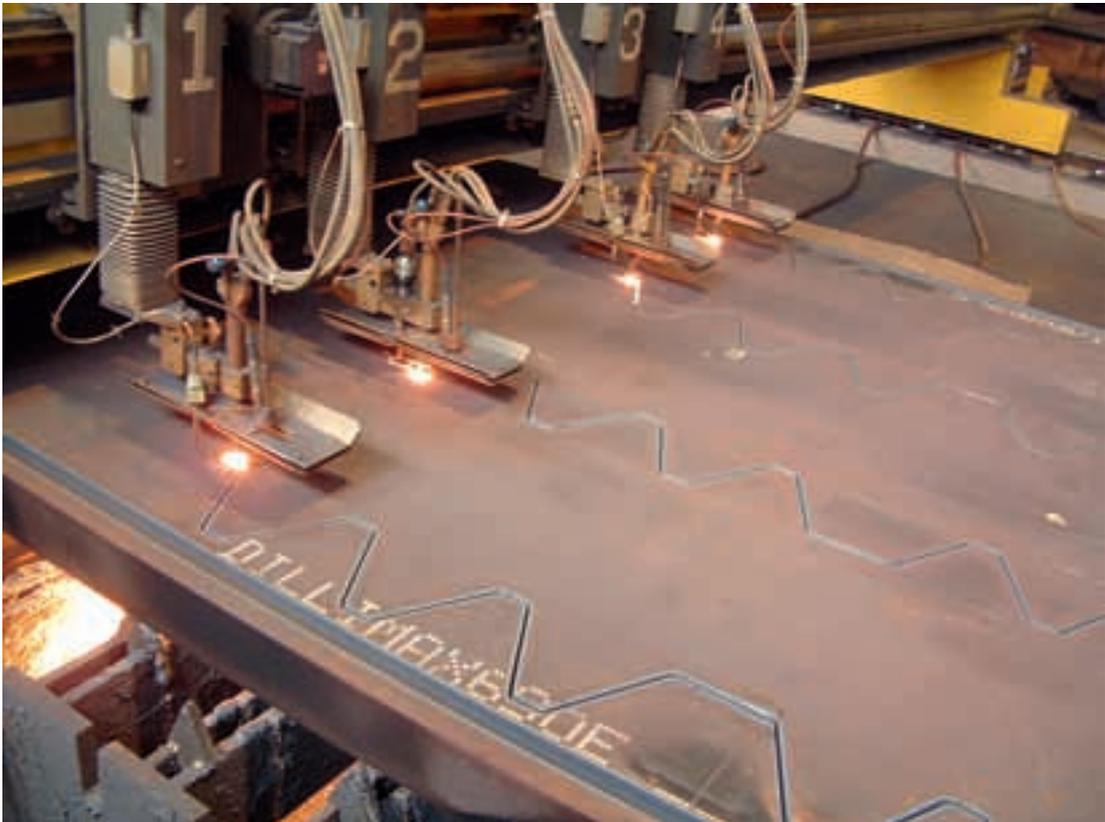




CUT-TO-SHAPE PLATES



Cut racks for jack-up rigs processed by flame-cutting out of a 178.5 mm plate in steel DILLIMAX 690



Cut-to-shape plates are intended mainly for use in structural and mechanical engineering, e.g. as blanks for tool equipment or frames for hydraulic presses.

Manufacturing process

Cut-to-shape plates are profiled true to dimensions on NC flame-cutting machines with square edge, further weld-edge preparation being manually flame-cut. The contour is constructed from straight and circular-shaped lines, all other outlines are split up into polygonal courses with a high definition.

Scope of supply

The blanks are supplied in the steel grades within the plate Delivery Program of Dillinger Hütte GTS preferably in pieces above 3 t in weight. They can also be provided with enhanced waviness tolerances against the standards e.g. EN 10029, ASTM A 6 / A 20 and when required by the steel grade also be supplied in the stress-relieved condition to suit subsequent processing operations such as a machining. It is known that profile cutting involves mostly an important plate wastage; unless otherwise agreed

the scrap remains the property of the supplier i.e. the shipping costs which apply to the resulting net weight are therefore considerably reduced. Please refer also to the Technical Delivery Conditions on page 32.

Information required

Shape description supported with a full-dimensioned drawing

Dimensional program

Width	≤ 5.200 mm	Thickness	≤ 410 mm
Length	≤ 25.000 mm	Weight	≤ 60 t

Standard tolerances

Quality of cut faces and dimensional tolerances according to ISO 9013-331

Edge design

Bevel angle	± 2°	Land height	± 2 mm
Land position ¹⁾	± 2 mm		

¹⁾ measured from the plate top side