ALL SHOP-WELDS IN THIS DRAWING ACCORDING TO DIN EN ISO 2553 UNLESS OTHERWISE SPECIFIED

GENERAL TOLERANCES FOR WELDED CONSTRUCTIONS ACCURACY TO DIN EN ISO 13920 DEGREE OF ACCURACY "B,F" WELDS AS PER DIN EN ISO 5817 CLASS OF WELD QUALITY: C .

CONNECTION OF SHAPES
- ARTICULATED JOINT
- FIXED

PREPARATION OF WELDING JOINTS ACCORDING TO DIN EN ISO 9692

MATERIAL	EURO CODE	CHINA
PLATE	S235JR	Q235B
PROFILE	S235JR	Q235B
TUBE	S235JR	Q235B

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BOLTED CONNECTIONS:
BOLTED CONNECTIONS SHALL CONFORM TO THE REQUIREMENTS OF AISC MANUAL OF STEEL CONSTRUCTION AND TO NORMS FOR BOLTS, NUTS, WASHERS ETC.

NOTE:
THE DETAIL DRAWINGS OF STEEL STRUCTURE HAS TO BE VERIFY BY STATIC CALCULATION! ALL CONNECTING ELEMENTS WITHOUT DIMENSIONS (GUSSET PLATES, NUTS, RIBS) ARE INFORMATORY HERE ONLY.

NOTE:
CONNECTING COMPONENTS (BOLTS, NUTS, GRATE ETC.)
- HOT GALVANIZED.

T.O.S. - TOP OF STEEL
T.O.G. - TOP OF GRATE

ADMISSIBLE DIMENSIONAL DIFFERENCES
DEGREE TOLERANCES ARE NOT SPECIFIED AS PER DIN ISO 2768
DEGREE OF ACCURACY m, K.

Built-Up members
Commercial rolled steel beams of adequate size are preferred over Built-up members in construction of steel structures. If Built-up members are used, consisting of splicing a series of plates or welding cover plates to the flanges, the welds shall be designed and proportioned to resist the bending and shear stresses in the flanges. The welds shall not be discontinuous in the loads areas, shall comply with the design documentation, and shall be made in workshops by qualified welders and all inspected visually and with NDT.
For best practice in the design and usage of Built-up members of all Types, refer to the recommendations of American Institute for Steel Construction, Specifications for Structural Steel Buildings 360.

MATERIAL	EURO CODE	CHINA	m (m2)
CAO1&A	S235JR	Q235B	12.3
CAO2OA	S235JR	Q235B	153.0
HW100x100x6x8	S235JR	Q235B	0.3
HW125x125x6.5x9	S235JR	Q235B	38.2
HW150x150x7x10	S235JR	Q235B	21.9
HW294x302x12x12	S235JR	Q235B	42.9
RD 20	S235JR	Q235B	1.8
L50x6	S235JR	Q235B	56.2
L63x4	S235JR	Q235B	64.6
OW32x3	S235JR	Q235B	112.0
OW50x4	S235JR	Q235B	380.0
OW89x4	S235JR	Q235B	117.6
OW89x5	S235JR	Q235B	42.0
FL100x6	S235JR	Q235B	61.3
FL110x6	S235JR	Q235B	8.0
FL120x6	S235JR	Q235B	5.0
TUBE 26.9x2.3	S235JR	Q235B	1.5
PLATE 5mm	S235JR	Q235B	0.7m2
PLATE 6mm	S235JR	Q235B	2.1 m2
PLATE 8mm	S235JR	Q235B	10.5 m2
PLATE 10mm	S235JR	Q235B	10.0 m2
PLATE 15mm	S235JR	Q235B	1.4 m2
PLATE 12mm	S235JR	Q235B	1.7 m2
PLATE 20mm	S235JR	Q235B	1.9 m2
PLATE 25mm	S235JR	Q235B	2.7 m2
PLATE 30mm	S235JR	Q235B	0.4 m2

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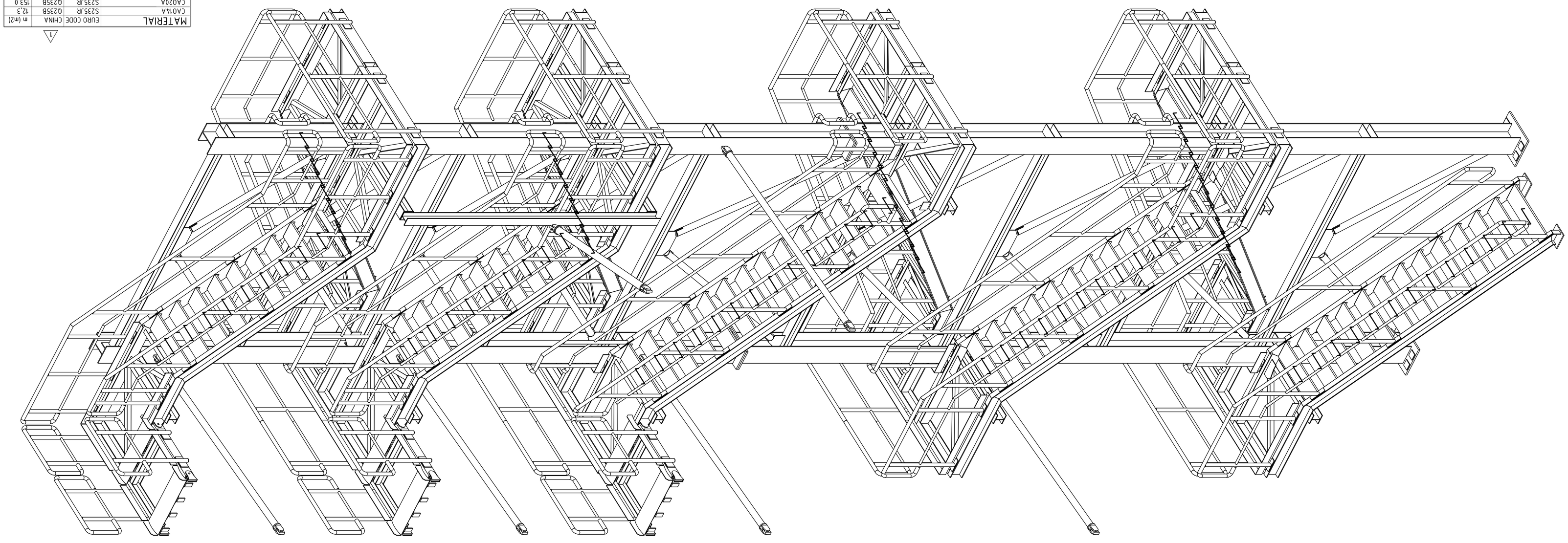
GROSS WEIGHT: 14.000 kg (incl. Handrailing; without Steps and Grating)

READ THIS DRAWING WITH: 79428 DW-K00-101-A0, 79428 DW-K00-102-A0
79428 DW-K00-103-A0, 79428 DW-K00-104-A0
79428 DW-K00-105-A0



AXONOMETRY

REFERENCE DRAWINGS	
DRAWING No.	TITLE
I. 79428 DW-K00-101-A0	STAIRTOWER - SECTION and VIEW P
II. 79428 DW-K00-102-A0	STAIRTOWER - VIEW Q
III. 79428 DW-K00-103-A0	STAIRTOWER - PLATFORMS part 1
IV. 79428 DW-K00-104-A0	STAIRTOWER - PLATFORMS p.2 + DET.
V. 79428 DW-K00-105-A0	DESIGN FOR HANDRAILING AND STAIRS