

 **METALPRESS**®
VITALITY TO STEEL

DIES | SHEET METAL FORMING | DISHED HEADS FOR TANKS

 SINCE 1961



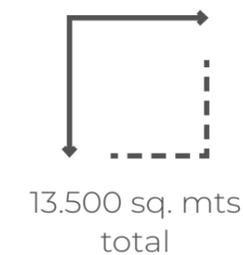
METALPRESS

We are a subcontracting company of stamped metal components, specializing in **cold forming** and deep drawing.



To develop our company we have always paid particular attention to innovation, **investing** in **new technologies** and trying to adopt the most advanced organizational and production methods.

Streamlined production, inventory optimization, product and process innovation: these are the guideline that have enabled us to develop an efficient production system, guaranteeing **quality** and **service** to our customer.



PROCESSING

All our presses are controlled by robots for loading/unloading and palletizing operations; 5 robotized islands also include machines for trimming and edging bottoms.

- Hydraulic presses from 100 to 1200 tons
- Mechanical presses from 50 to 600 tons
- HD plasma cutting
- MIG robotic welding MAG | TIG
- Edge beading and trimming machines
- Threading unit



Advantages of deep drawing:

- thinner
- shorter lead time
- protection from weathering
- process repetition
- customization
- safety | practicality | aesthetics



⋮ MACHINED MATERIALS

- » Carbon steel
- » Stainless steel
- » Galvanized steel
- » Duplex and Super Duplex steel
- » Coated and Prepainted steel
- » Aluminum and Alloys
- » Copper | Brass

We are [AD 2000 W0](#) and [PED 2014/68/EU](#) certified for the processing of carbon steel for the production of dished heads.

Thickness of raw material: min. 0,8 mm | max. 7 mm

Diameter of dished heads: min. 160 mm | max. 1250 mm

Max dimensions of formed component: 1500 x 2500 mm



OTHER PROCESSING

DIE



DISC PRODUCTION



WASHING



SURFACE FINISHES



QUALITY CONTROL

Our Quality Department is able to carry out any type of test or measurement, with digital and computerized systems, according to **international quality standards** and directives, with particular focus on dimensions & **tolerance, thickness** and mechanical performance of the parts.

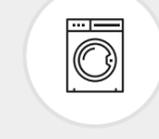
On request, the CP-CPK values are checked to obtain free-pass supply approval.

Through the use of advanced software for **forming simulation** (AutoForm), we are also able to simulate sheet metal forming processes. In particular, we can calculate the initial thickness and progress of the raw material and, finally, the final thickness of the convex bottom.

This provides us with numerous advantages, with considerable savings in terms of both time and production costs.

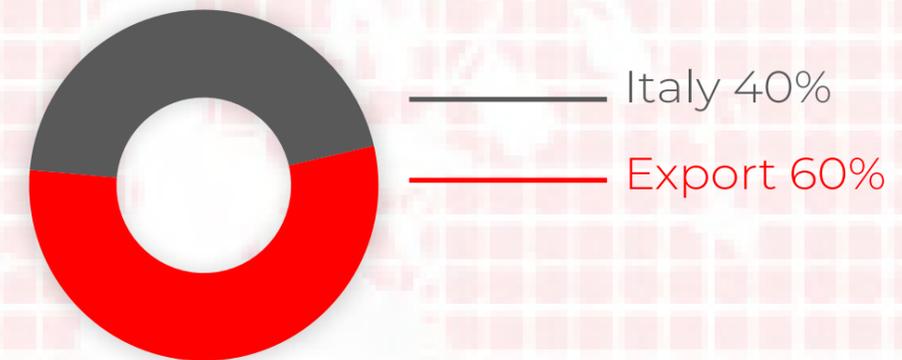


INDUSTRIAL SECTOR

 Food & Beverage	 Tanks & Pressure tanks	 LNG Tank
 Bathroom hot water	 Pump construction	 Braziers & BBQ
 Chemical & Pharmaceutical	 Truck & Automotive	 Household appliances
 Industrial	 Energy	 Street furniture

OUR MARKET

We export all over Europe and to some areas in the Middle East.



TURNOVER & RAW MATERIAL

	turnover	raw material processed
2016	8.500 K €	400 ton/month
2020	10.000 K €	550 ton/month
2021	15.000 K €	800 ton/month



INDUSTRIAL SECTOR

 | PUMP CONSTRUCTION



 | PRESSURE TANK



 | BATHROOM HOT WATER



 | INDUSTRIAL AUTOMATION



 | FOOD & BEVERAGE



 | BBQ



 | TANKS



 | HOUSEHOLD APPLIANCE



INDUSTRIAL SECTOR

 | OIL & GAS



 | TRUCK & AUTOMOTIVE



 | INDUSTRIAL AIR HANDLING



 | FOOD & BEVERAGE



 | CHEMICAL & PHARMACEUTICAL



 | HOUSEHOLD APPLIANCE



 | PUMP CONSTRUCTION



 | INDUSTRIAL



DISHED HEADS

We specialize in the production of dished heads with a wide range of products, sizes, finishes and beaded edging, suitable for use in numerous market sectors.

All our dished heads are produced according to the latest regulations and in line with international quality standards.

Alongside standard products, we can produce dished heads with customized thickness and height standards or with additional machining processes including:

- flanging
- edging 
- hole drilling with dies
- hole drilling with robotised plasma cutting
- central drilling at drawing end
- electric spot welding
- sleeve welding
- flaring

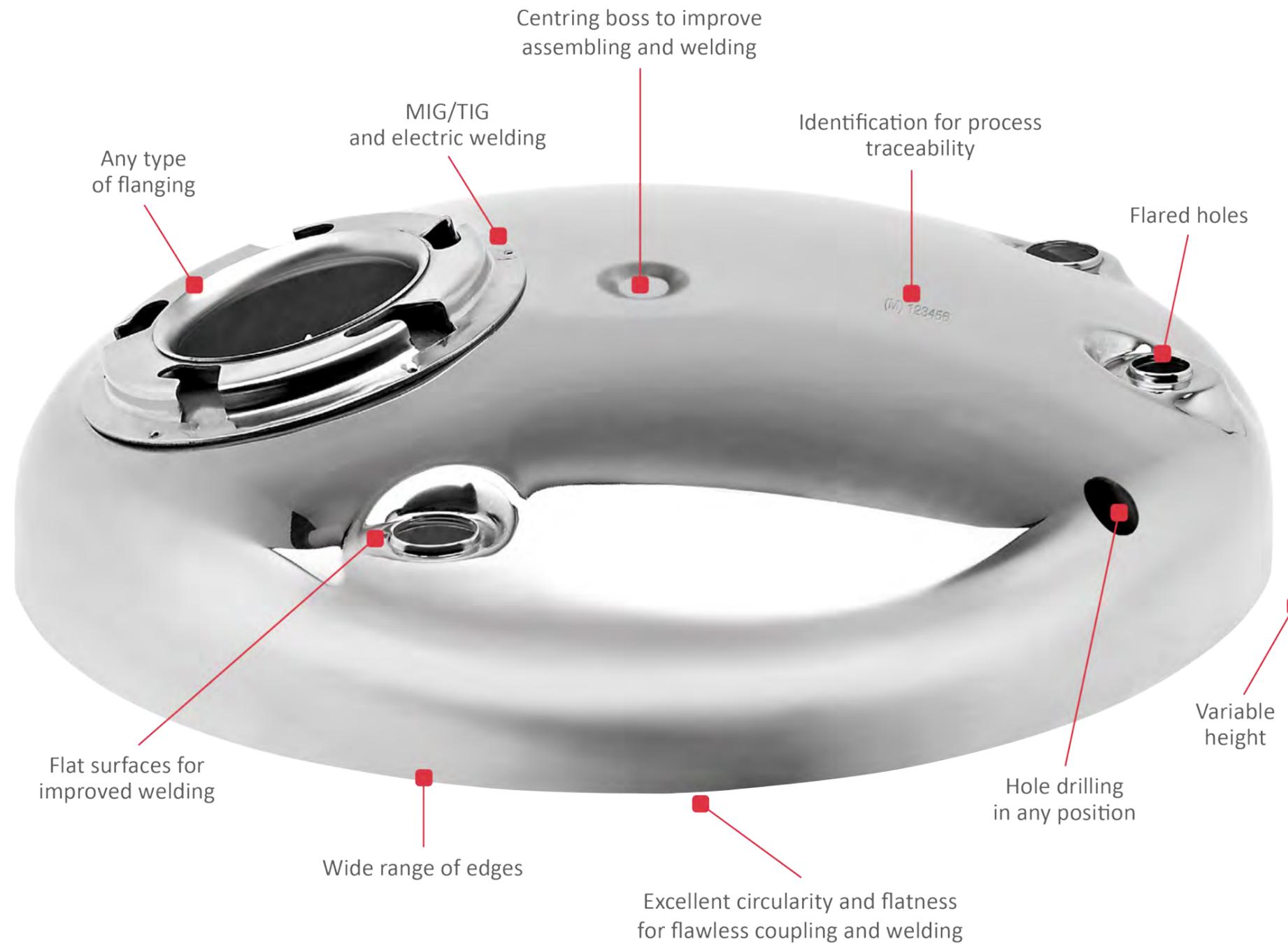


TIPO D - DIN 28011

Øe mm	H mm	R mm	r mm	s mm	h1 mm	P kg	V litres
160	56	160	16	2÷3	32	0,3	0,9
200	60	200	20	1,5÷3	39	0,42	1,3
220	70	220	22	1,5÷3	42	0,52	1,9
240	60	240	24	1,5÷3	47	0,53	1,8
250	70	250	25	1,5÷3	48	0,62	2,5
280	75	280	28	1,5÷4	54	0,75	3,2
300	80	300	30	1,5÷3	58	0,86	4,1
315	80	315	31,5	1,5÷3	61	0,92	4,4
318	80	318	31,8	1,5÷3	62	0,93	4,5
320	80	320	32	1,5÷3	62	0,94	4,5
350	85	350	35	1,5÷3	68	1,10	5,7
360	85	360	36	1,5÷4	70	1,14	5,9
380	95	380	38	1,5÷3	74	1,32	7,6
400	100	400	40	1,5÷3	78	1,47	8,9
420	100	420	42	1,5÷3	81	1,56	9,6
430	105	430	43	1,5÷4	83	1,67	10,7
450	105	450	45	1,5÷4	87	1,77	11,4
455	100	455	45	3	87	1,85	11,8
500	110	500	50	1,5÷4	97	2,11	14,4
550	120	550	55	2÷4	107	2,53	19,1
600	130	600	60	2÷4	116	3,00	24,5
630	160	630	63	1,5÷3	123	3,4	35,2
650	140	650	65	2÷5	126	3,51	31,1
700	150	700	70	1,5÷4	136	4,1	39
750	160	750	75	2÷5	145	4,65	47,1
790	180	790	79	2÷5	154	5,4	60
800	190	800	80	2÷4	137	5,6	66,1
850	180	850	85	2÷5	166	6	68
950	225	950	95	1,5÷4	183	7,9	110
1000	235	1000	100	2÷5	194	8,8	130
1100	250	1100	110	3÷5	214	10,4	165
1200	270	1200	120	3÷5	233	12,3	211
1250	280	1250	125	3÷4	243	13,3	239

DISHED HEADS

TIPO E - DIN 28013



Øe mm	H mm	R mm	r mm	s mm	h1 mm	P kg	V litres
200	75	160	31	1,5÷3	51	0,44	1,7
240	85	192	37	1,5÷3	61	0,61	2,7
250	75	200	38	2÷3	65	0,6	2,4
265	99	212	40	1,5÷2,5	68	0,81	4
280	95	224	43	1,5÷3	71	0,80	4,2
300	105	240	46	1,5÷3	76	0,94	5,4
315	110	252	48	1,5÷2	81	1,1	6
318	105	254	49	1,5÷3	81	1,02	5,9
320	110	256	49	1,5÷3	81	1,06	6,4
350	120	280	54	1,5÷3	89	1,26	8,3
360	120	288	55	1,5÷3	92	1,31	8,7
400	135	320	62	1,5÷3	102	1,63	12,2
415	125	332	64	2	105	1,7	13
420	140	336	65	1,5÷3	107	1,78	13,9
430	140	344	66	1,5÷3	109	1,84	14,5
450	150	360	69	2÷3	114	2,05	17,1
500	165	400	77	2÷3,5	127	2,51	23,2
550	175	440	85	2÷4	140	2,97	29,4
600	190	480	92	2÷4	153	3,52	37,9
650	200	520	100	2÷5	165	4,05	46,5
750	230	600	115	2÷6	191	5,39	71,2
790	230	632	121	3÷5	202	5,9	77
800	240	640	123	3÷6	154	6,1	83
850	263	680	131	2,5÷3	231	6,9	102
950	280	700	146	3,5÷5	243	8,5	139
1000	295	800	154	3÷6	255	9,5	161
1100	300	880	169	3÷6	281	10,9	189
1200	340	960	185	3÷6,5	306	13,3	264
1250	345	1000	192	3÷6	319	14,2	283



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