












## ZAP KOOPERACJA sp. z o o.

### Stamping and punching machines

Machine	Type	Pieces	Sheet Size (X;Y)	Technical Details (A;B;C;D;E;)
Amada	Aries245	1	(1000x1250)	(50;4;20;40;0,1)
Amada	Aries245 A	1	(1000x1250)	(50;4;20;40;0,1)
Amada	Pega 244	1	(1270x1830)	(100;4;44;70;0,1)
Tailift	Challenger	1	(1500x1500)	(150;4;32;70;0,1)
Trumpf	Trumatic 500	1	(2000x1250)	(150;6;15*;108;0,1)
Trumpf	Trumatic 5000R	1	(2500x1250)	(150;6;15*;108;0,1)
Trumpf	Trumatic 500R	1	(2500x1250)	(150;6;15*;108;0,1)
Trumpf	TruPunch 5000	1	(2500x1250)	(280;8;21;1600*;0,1)

### Press Brake

Machine	Type	Pieces		Technical Details (E;F;G;)
TrumaBend	V50	1		(0,1;50;1500)
TrumaBend	V130	2		(0,1;130;3000)
EHT	EHP S 8-25	1		(0,1;80;2500)
EHT	Ecopress 80	1		(0,1;80;2500)
EHT	Ecopress 80-2550	1		(0,1;80;2500)
EHT	Ecopress 135-30	1		(0,1;135;3000)
EHT	Variopress 175-40	1		(0,1;175;4000)
BYSTRONIC	XPERT 320/4100	1		(0,1;320;4100)
BYSTRONIC	XPERT 250/4100	1		(0,1;250;4100)
BYSTRONIC	ByBend Star Mob. Bend.	1		(0,1;80;1530)
SAFAN	CNCS 110-2050	1		(0,1;110;2050)

#### Description

**A** - max sheet weight [kg];

**B** - max sheet thickness [mm];

**C** - no. of stations;

**D** - max feed speed [m/min];

**E** - position deviation [mm];

**F** - bending force [ton];

**G** - bending length [mm]

15\* - no. of station without complex toll

\*PUNCHING (E = 1 MM)

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### Laser cutting machines

Machine	Type	Pieces	X;Y;Z AXIS STROKE	MAX. WORKPIECE SIZE
MAZAK	Super Turbo -x 48 Mk	1	2685x1270x100	2500x1250x16
Trumpf	TrueLaser (L20) 3030 4kW	1		3000x1500x20

### Welding Robots

Machine	Type	Pieces		Technical Details
Motoman	YR-Up6-A00 + Fronius TPS400i	1		MIG, MAG
Panasonic	TA 1600 WG	1		TIG
FANUC	AM 100iC/12 + Fronius TPS 400i	1		MIG, MAG

### Welding machines for manual welding

Type	Pieces	Welding current	Welding method
Kemppi Master Tig MLS 3003 ACDC	3	300 A	TIG
Kemppi Master Tig MLS 2300 ACDC	3	230 A	TIG
Fiber laser welding machine OT-2000	1	2000 W	Laser

Type	Pieces	Welding current	Welding method
Lincoln Powertec 365S	1	350 A	MIG/MAG
Sigma Galaxy Migatronc 400	1	400 A	MIG/MAG
Dalex Werk	1	200 A	MIG/MAG
Kemppi Pro4200 Evolution	1	320 A	MIG/MAG
Fronius TPS 320 I	2	320 A	MIG/MAG
Esab C280 Pro	1	280 A	MIG/MAG
Ozas Magomig 325	1	320 A	MIG/MAG
Ozas Synermig 401	2	400 A	MIG/MAG
Kemppi Kempact pulse 3000	1	250 A	MIG/MAG

### Pneumatic Presses

Machine	Type	Pieces		Technical Details
Pemsrter	PS-2000	1		
Pemsrter	PS-4	1		
Haeger	824-D	2		

### Spot Welding Machines

Schlatter	Selecta P2.131.66.22	2		
ESAB	ZPBB 136	1		
Aspa	ZPf-40c	1		
Aspa	2pb-6	1		
Aspa	2pa-6	1		
IBEROBOT	IBE571	1		

### Deburring machine

Costa	MD4-CVV-1150	1	working width (mm)	1150
Costa	MD6 CRC+s 1350	1	working width (mm)	1350

### Belt Grinding Machine

Kuhlmeyer	ZBS 2	1	Twin Belt Grinding Machine	1000x3000
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#### Description

**A** - max sheet weight [kg];

**B** - max sheet thickness [mm];

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