

# Machinery overview of Meese GmbH

## Production Machines / Tooling Machines

Nr.	Name	Specification	Amount	Acquisition date	Producer
1	Punching press, single-acting	25t – 320t, up to 2500mm tool length	15	1985-2019	Bruderer / Kaiser / EBU / Haulick
2	Hydraulic press	25t	2	1985/1997	Schoen
3	Excentric press	63t	1	2006	EBU
4	Cleaning machine	PER-degreasing	1	2016	EVT
5	Pemserter (Bolt placing machine)	Variant 2000 and 3000	2	2016	KVT
6	HSC mill		1	2017	Röders
7	CNC turning lathe		1	2008	Romi
8	CNC wire EDM	Max. 640 x 480 x 250 mm	4	2007 - 2017	Fanuc
9	CNC sink EDM		2	1997 – 2004	Zimmer+Kreim / Charmilles
10	NC + CNC mill	Max. 1000 x 800 mm / max. 1000 kg	2	1998 / 2001	Kunzmann / Hermle
11	CNC flat- and profile grinding machines		5	1990-2017	Elb / Ziersch
12	Try-out press	125t	1	1999	Exner

## Testing Machines at Quality Department

Nr.	Name	Specification	Amount	Acquisition date	Producer
1	3D Measuring machine	Crystal-Plus 544	1	2004	Mitutoyo
2	Video measuring projector	IM 6020	2	2013 / 2016	Keyence
3	Measuring projector	PJ-H3010 FT4-200 Nr. 303-986	1	1997	Mitutoyo
4	Hardness checker	HV1	2	1995	Mitutoyo
5	Pressure checker	200 N	1	1995	Ericksen
6	Microscope	Stereomicroscope „SR“ 8x, 12x, 20x, 32x, 50x	1	2016	Mitutoyo
7	Push/Pull force checker	0 - 2000 N	1	1998	Test GmbH