



PLAMA

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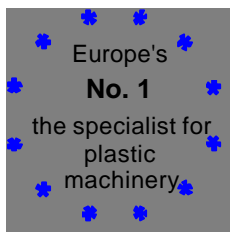
EXTRUDERS * EXTRUSION LINES * THERMOFORMING

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SINGLE SCREW EXTRUDERS * SINGLE SCREW KNEADER								
Pos.	manufacturer	type	screw Ø mm	L/D	capacity kg/h max.	Antrieb kW	year appr.	Details
e154808	Nissei lab-/satellite extruder	ASB 650	1 x 26	24	15-18		90	PE, PP, ABS, PS, hydr. screwdrive, usable as an injection unit
e27026	Weber single screw extruder	ES 30	1 x 30	25	30-40	8 DC	86	PE, PP, PS, ABS, air cooling, up to 200 upm
e27069	Betol single screw extruder	45	1 x 45	35	20-40	15	82	PE, PP, PS, ABS, with strand die
e272691	Ompipa single screw extruder	OM 45	1 x 45	30	30-60	17,5	2001	PE, PP, PS, ABS, DC-motor, melt pressure sensor
e27129	Kaufman single screw extruder	E 1-60-33	1 x 60	33	50-140	32	85	PE, PP, PS, ABS, venting
e271991	Colines single screw extruder	1-90-28	1 x 90	28	150-300	79	87	PE, PP, PS, ABS, DC-motor
e270741	Thyssen-Henschel single screw extruder	HES-120-30 D	1 x 120	30	200-300	220	84	PE, PP, PS, ABS
e27039	Thermatic single screw extruder	E 115/25	1 x 115	26	300-400	93	84	PE, PP, PS, ABS, venting
e27202	Breyer single screw extruder	1-90-33	1 x 90	36	200-400	90	85	PE, PP, PS, ABS, with venting, control panel
e27203	Breyer single screw extruder	1-90-30	1 x 90	33	200-400	101	80	PE, PP, PS, ABS, venting
e27340	Battenfeld single screw extruder	Uni Ex 1-90-30 B	1 x 90	30	300-500	132	81	PE, PP, PS, ABS, DC-drive
e27291	Breyer single screw extruder	1-120-36	1 x 120	36	400-600	200	86	PMMA, PC, ABS, PS, venting
e27334	Battenfeld single screw extruder	Uni-Ex 1-150-32	1 x 150	32	400-800	240	84	PE, PP, PS, ABS, dosing unit
e26851	Beloit - Italy single screw extruder	150/26	1 x 152	28	700-900	315 DC	80	PE, PP, ABS, PS, soft-PVC, reconditioned 1996, new screw available
TWIN SCREW EXTRUDERS * PLANETARY EXTRUDERS								
Pos.	manufacturer	type	screw Ø mm	L/D	capacity kg/h max.	drive kW	year appr.	Details
de27335	Weber twin screw extruder PVC	DS 125	2 x 125	17		60	79/84	PVC, DC-drive, venting, monitor
de27403	Weber twin screw extruder	DS 155	2 x 155	17		100	72	PVC
de272261	Battenfeld twin screw extruder	Uni Ex 2-50-16	2 x 52	16	10-70	10	89/92	PVC, DC drive, venting, counter rotation
de271721	l d e twin screw extruder	DSK 52	2 x 52-104	con.	20-140	15	83	PVC, venting, counter rotation, dosing unit
de27314	Battenfeld twin screw extruder	Uni-Ex 2-65	2 x 65	16	120-150	22	88	PVC, venting, counter rotation

* depending on the material and kind of production; year (= year of first production after delivery)



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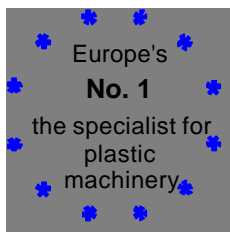
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TWIN SCREW EXTRUDERS * PLANETARY EXTRUDERS								
Pos.	manufacturer	type	screw Ø mm	L/D	capacity kg/h max.	drive kW	year appr.	Details
de27279	Cincinnati PVC twin screw extruder	CMT 45	2 x 45-97	con.	100-170	16 DC	88	PVC, DC drive, venting, vacuum pump, counter rotation, dosing unit
de269301	Cincinnati twin screw extruder	CM 55	2 x 55-110	con.	150-250	25,4	91	PVC, venting, vacuum pump, dosing unit, counter rotation
de27117	Battenfeld PVC twin screw extruder	K286-0-16/D3	2 x 86	15	150-250	29	77	PVC, venting, counter rotation, dosing unit, DC drive
de27300	Cincinnati PVC twin screw extruder	CM 55	2 x 55-110	con.	120-250	27	85	PVC, DC drive, venting, counter rotation, dosing unit
de26858	Theysohn/Öswag conical twin screw extruder	AT 60	2 x 60-132	130	200-300	33	82	PVC, venting, counter rotation, vacuum pump, dosing unit
de27149	Krauss-Maffei PVC twin screw extruder	KMD 60	2 x 60-120	con.	200-300	30	85	PVC, venting, counter rotation
de27430	Coperion Werner & Pfleiderer twin screw extruder	ZSK 32 MCC	2 x 32	34	100-300	60	2003	PE, PP, PS, ABS, three phase AC motor, aircooled, screw speed max. 1.200 rpm, PLC-control, melt-temperature sensor, melt-pressure sensor, water distributor. - Lab machine - . Against surplus price available: dosing units, strand- or underwater granulation system.
de27278	Cincinnati PVC twin screw extruder	CMT 58	2 x 58-125	con.	160-350	32,5 DC	88	PVC, DC drive, venting, vacuum pump, counter rotation, dosing unit
de26857	Theysohn/Öswag conical twin screw extruder	AT 88	2 x 88-151	con.	300-400	70	82	PVC, venting, counter rotation, vacuum pump, dosing unit
de270281	Berstorff compounding extruder twin screw	ZE 60 M	2 x 64	33	300-400	95	87	PE, PP, PS, ABS, venting, corotation, segmented screws + cylinder
de274110	Battenfeld PVC twinscrew extruder	BEX 2-130-25V	2 x 130	25	450-600	113	2001	PVC, DC-motor, venting, vacuum-pump, counter rotation
de27390	Cincinnati PVC twin screw extruder	CMT 80	2 x 80-155	con.	550-650	80	94	PVC, DC-drive, venting, vacuum pump, counter rotation, PLC control
de27426	Werner & Pfleiderer twin screw extruder	ZSK 83	2 x 83	36	400-700	182	86/11	PE, PP, PS, ABS, DC-Motor, co-rotation, venting. New SIEMENS S7 control with PLAMA "PLEXCON" Software. Against surplus price: Dosing units, Strand-, or underwater pelletizers.
de27428	Plama compounding extruder	ZSP 70	2 x 70	32	400-700	220	NEW	PE, PP, PS, ABS, venting, co-rotation
de274021	Leistritz twin screw extruder	ZSE 96 GL	2 x 96	39	400-1000	220	92	PE, PP, PS, ABS, DC-drive, venting, corotation
de27400	Berstorff twin screw extruder	ZE 110 R	2 x 127	40	1800	200	01	PE, PP, ABS, DC-drive, 2 ventings, corotation, screw drive 180 rpm, meltpressure sensor, gear box up to 1500 kW, new control for drive and heatings
pelletizing and regranulating lines								
Pos.	manufacturer	type	screw Ø mm	L/D	capacity kg/h max.	Antrieb kW	year appr.	Details
g27408	Pulverdosisierung							
g27409	Seitendosisierung							

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pelletizing and regranulating lines								
Pos.	manufacturer	type	screw Ø mm	L/D	capacity kg/h max.	Antrieb kW	year appr.	Details
g27425	crammer feeder							90mm diameter
g27446	Maag melting pump	Extrex 56/56						
g27307	Geng-Mayer laboratory pelletizing line	PM-GM-DS 35/20	2 x 35	20	20-80	20	96	PE, PP, PS, ABS, venting, co-rotation, vacuum pump, melt pressure sensor, dosing unit, strand die, water bath, pelletizer. Against surplus price sidefeeder available.
g27444	Comac pelletizing line	EBC 40 AV	2 x 40	32	80-150	23	92	PE, PP, PS, ABS, DC-drive, venting, corotation, volum. dosing unit, water bath, strand die, strand pelletizer, spiral conveyor
g268581	Theysohn/Öswag PVC pelletizing line	AT 60	2 x 60-132		200-300	33	82	PVC, venting, vacuum pump, counter rotation, dosing unit, hot face cutter
g27338	Automatik pelletizing line	ZCM 53	2 x 53	36	200-300	60	85	PE, PP, PS, ABS, venting, co-rotation, incl. strand-die, waterbath, pelletizer, on request: hotface cutter with pellet dryer, against additional price: Brabender gravimetric dosing units available
g273611	Reifenhäuser pelletizing line PVC	BT 1301-2-100-16V	2 x 100	16	250-300	60	86	PVC, DC-drive, venting, vacuum pump, counter rotation, screen changer, hot face cutter
g27445	Comac pelletizing line	EBC 70 AV	2 x 68	32	200-300	65	92	PE, PP, PS, ABS, flex-wall dosing unit, screen changer, strand die, water bath, strand pelletizer, spiral conveyor, grinder
g27306.1	Battenfeld pelletizing line	1-90-30 V	1 x 90	30	300-400	110	84/86	PE, PP, PS, ABS, venting, strand die, water bath, pelletizer
g27365.0	Erema sheet pelletizing line	RGA 100 E	100		300-400	75	92	PET, PE, PP, PS, ABS, grinder/agglomerator 55kW, Twin-degasing, vertical quaddle hydr. Screen changer, die face cutter with water bath, centrifuge, conveyor belt with metal detector, reel feeder
g272501	Plama Compounding line	ZSP70	2 x 70	32	300-500	145	neu	PE, PP, PS, ABS, 600 RPM, control Siemens S7, hot face cutter, dryer
g268571	Theysohn/Öswag PVC pelletizing line	AT 88	2 x 88-151		400-600	70	82	PVC, conical twin screw extruder, venting, counter rotation, dosing unit, hot face cutter
g27348	Erema film regranulating line	RGA 120	1 x 120	32	400-600	200		PE, PP, PS, ABS, vacuum pump, agglomerator, double venting, hot face cutter
g272491	Plama Compounding line	ZSP70	2 x 70	36	500-800	260	neu	PE, PP, PS, ABS, 600 RPM, control Siemens S7, hot face cutter, dryer
g272511	Plama Compounding line	ZSP70	2 x 70	40	500-800	260	neu	PE, PP, PS, ABS, 600 RPM, control Siemens S7, hot face cutter, dryer
g273920	Ermafa PVC pelletizing line	E 2.95/2	2 x 95	20	600-800	75	92	PVC, DC-drive, venting, force feeding system, vacuum pump counter rotation, pelletizer with hot face cutter, cooling unit, silo, bagging station
g26366	Sico Plast film recycling and pelletizing line	HKS 220/150/26 B2	220+150	26	700-900	232+99	92-95	film-recycling line, PE, PP, screen changer, hot face cutter with underwater cooling, dryer, screw feeder
g27390.3	Cincinnati PVC-pelletizing line	CMT 80	80-155	con.	850-1300	80	94	PVC, DC-motor, venting, counter rotation, hot face cutter, dryer
g27398	BKG/Cletral pelletizing line		2 x 115	35	1500	453	01	PE, PP, PS, ABS, DC-drive, 2 ventings, corotation, vacuum pump, feeding unit Kreyenborg, Silo 6m³ with conveying screw, Maag meltpump Extrex 110, PRT Cassette-Screenchanger, BKG Hot-face pelletiser TEWA 2000, curved screen, centrifuge, heat exchanger, PLC Controls
g27429	Werner & Pfeleiderer compounding extruder	ZSK 120	2 x 120	28	1000-1500	500	87	PE, PP, PS, ABS, venting, corotation, Siemens S7 control

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pelletizing and regranulating lines								
Pos.	manufacturer	type	screw Ø mm	L/D	capacity kg/h max.	Antrieb kW	year appr.	Details
g27401.0	Berstorff pelletizing line	ZE 110 R	2 x 127	40	1800	200	01	DC-drive, 2 ventings, corotation, vacuum pump, meltpressure sensor, gear box up to 1500 kW, screw drive 180min-1, new control panel for drive and heating, melting pump, melt valve, watering pelletizer

COMPOUNDING- * MASTERBATCH LINES								
Pos.	manufacturer	type	screw Ø mm	L/D	capacity kg/h max.	drive kW	year appr.	Details
g27416	Berstorff compounding line	ZE 40 A	2 x 43	30	150	30	89	PE, PP, ABS, DC-drive, venting, co-rotation, segmented screws and barrel, strand die, water bath, strand pelletizer.
g270231	Perkins / Werner & Pfeleiderer compounding line	2 x 75	2 x 75	30	300-400	100	85	PE, PP, PS, ABS, segmented screws and barrels, corotation, spaghetti head, waterbath, granulator, hotfacecutter with underwaterpelletizing available
g27058	Berstorff compounding line	ZE 60	2 x 60	33	150-400	100	84	PE, PP, PS, ABS, PET, Co-rotating, degasing, Vacuum pump, incl. Stranddie, Waterbath and Granulator. Die-face cutter with granule dryer, as well dosing-units against surplus price available.
g26300	Plama compounding line corotation	ZSP 70	2 x 70	32	400-600	220	new	PS, PE, PP, PA, up to 600upm, hot face cutter, spaghetti die with water bath and pelletiser available, motor up to 265kW possible, alternative with die fac cutter
g27385.0	Berstorff/Rockstedt compounding line	MPC 85/2-27	2 x 85	27	400-600	140	94	PE, PP, PS, ABS, DC-drive, venting, corotation, vacuum pump, side feeder, water-ring pelletizing with water tank, centrifuge, riddle sieve, Siemens S5 control, against additional price available: dosing unit, bagging station
g27381	Plama compounding line for fiber reinforced PE/PP	ZSP 70 GF	2 x 70	38	700-800	260 AC	NEW	PE, PP, AC-drive, venting, corotation, vacuum pump, 3+1 gravimetric dosing unit, side feeder PSF 46, strand die, water bath, strand pelletizer, tempering unit, water cooling unit, conveyor unit, Siemens S7 control
g27402	Leistritz compounding line	ZSE 96 GL	2 x 96	39	400-1000	220	92	PE, PP, PS, ABS, DC-drive, venting, corotation, side feeding Leitritz LSB 90, watering pelletizer LWRG 1500 with Gala centrifugal dryer

ACCESSORIES COMPOUNDING * MASTERBATCH * PELLETIZING								
Pos.	manufacturer	type	screw Ø mm	L/D	capacity kg/h max.	Antrieb kW	year appr.	Details
g26871	Gneuss re-washing screen changer	RSF 150			500-800		91	with autom. Re-washing, 150mm screen, like new
g26889	hot face cutter				300-500			PVC
g26939	Kreyenburg screen changer 180mm Ø	K-SWE 180 SWE			500-800		83	
g26942	Kreyenburg screen changer 180mm Ø	K SWE 180			500-800		83	
g26941	Kreyenburg screen changer 105mm Ø				300-400			
g269041	Gneuss double cassette screenchanger	MS 75			200		90	
g27051	Scheer granulator	ASG 300			300-500	15	90	300mm working width
g27052	Scheer granulator	ASG 300			300-500	15	90	300mm working width
g26892	Automatik pelletizer	ASG 30/2			400-600	11	84	300mm width

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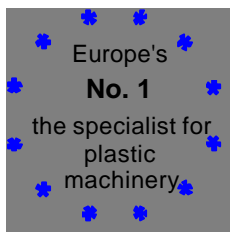
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ACCESSORIES COMPOUNDING * MASTERBATCH * PELLETIZING								
Pos.	manufacturer	type	screw Ø mm	L/D	capacity kg/h max.	Antrieb kW	year appr.	Details
g27065	Automatik pelletizer	ASG 5/1			50-300	2,5	85	PE, PP, PS, ABS
g27126	K-Tron vol. dosing unit	S 210				0,55		
g27185	Mixaco Agglomerator	DS 300 S				55	80	new Siemens - Simatic - controls
g27320	Somos dryer	D 400				28	77	
g27317	Somos dryer	D 900				51	94	new heat exchanger, new drying granules, silo, vacuum conveyor system. Completely reconditioned and approved. Piping has to be arranged by the customer at his location.
g27319	Somos dryer	D 400				45	93	
g27327	OMP hot face cutter	TGS 30 R			300-500	2,2		PE, PP, PS ABS, without dryer
g27328	PHT hot face cutter	UV 500			300-500	2,6 + 49	94	PE, PP, PS, ABS, granulation head, dryer
g26980.1	Kreyenburg double cassette screen changer	K-SWE 180			500-1200		93	
g27363.0	hot face cutter with screen changer							PE, PP, PS, ABS
g27424.1	Battenfeld screen changer							incl. hydraulic station (1,5kW pump)
g27435	P.H.T. Ferrara pelletizing downstream	UN 500				4,9	94	
m27165	Cramer dryer	S 45				5	87	
PIPE LINES								
Pos.	manufacturer	type	screw Ø mm	L/D	capacity kg/h max.	drive kW	year appr.	Details
r268511	Battenfeld/Beloit 250-400mm pipe line	150/26	1 x 152	22	500-700	315 DC	80	PE, PP, PS, reconditioned 1996, pipe head up to 400mm, vacuum calibration, puller, saw Speedex P5
r27026	Weber 16-32mm pipe line PE/PP	ES 30	1 x 30	25	30-40	8 DC	86	PE, PP, PS, ABS, DC drive, pipe die 16-32mm, vacuum-cooling bath, puller, saw
r271291	Kaufman 25-75mm pipe line PE, PP	E 1-60-33	1 x 60	33	50-120	32	85	PE, PP, venting, DC drive, pipe head 25-75mm, calibration bath, pipe cooling bath, 2 belts puller, pipe saw up to 75mm
r27099.1	Battenfeld 10-90mm PVC pipe line	BEX 2-50-16V	2 x 50	16	50-80	7,5	89	PVC, venting, counter rotation, dosing unit, pipe die, vacuum calibration, puller, saw, extrusion dies and calibration dies against additional price available
r27140	Cincinnati 63-110mm PVC pipe line	CMT 58	2 x 58-110	con.	150-250	25	88	PVC, DC drive, venting, counter rotation, dosing unit, PVC pipe head 63-110mm, 6m vacuum calibration bath, 2 belts pipe puller, planetary saw, socketing unit
r271493	Krauss-Maffei 63-110mm PVC pipeline	KMD 60	2 x 60-120	con.	100-300	25	85	PVC, venting, counter rotation, pipe die 63-110mm, pipe-calibration bath 63-110mm, pipe-cooling bath 63-110mm, pipe puller 63-110, pipesaw 63-110mm, tilting table

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PIPE LINES								
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r27172.2	I d e 63-110mm PVC pipe line	DSK 52	2 x 52-104	con.	20-150	15	89	PVC, pipe die 63-110mm, calibration bath, cooling bath, puller, saw, venting, vacuum pump, counter rotation, dosing unit
r271401	Cincinnati 90-200mm PVC pipe line	CMT 58	2 x 58-110	con.	150-250	25	88	PVC, DC drive, venting, counter rotation, dosing unit, PVC pipe head 90-200mm, 6m vacuum calibration bath, 2 belts pipe puller, planetary saw, socketing unit
r272791	Cincinnati 32-110mm PVC pipe line	CMT 45	2 x 45-97	con.	80-120	16 DC	88	PVC, venting, counter rotation, dosing unit, vacuum bath 32-110mm, pipe puller 110mm, pipe saw 110mm, tilting table
r26930	Cincinnati 63-125mm pipe line PVC	CM 55	2 x 55-110	con.	150-250	25,4 DC	91	PVC, DC-drive, venting, vacuum tank, puller, saw, belling machine against surplus price
r27314.1	Battenfeld 32-125mm pipe line PVC	Uni Ex 2-65	2 x 65	16	120-150	30	88	PVC, venting, counter rotation, water bath, pipe puller, pipe saw, pipe heads inserts and calibration against additional price available
r27137	Theysohn/Öswag 90-160mm pipe line PVC	AT 60	2 x 60-132		200-300	33	82	PVC, twin screw extruder, DC-drive, venting, vacuum pump, counter rotation, dosing unit, pipe head, calibration cooling bath, pipe puller, pipe saw
r271992	Colines 32-160mm pipeline	1-90-28	1 x 90	28	150-300	79	87	PE, PP, PS, ABS, pipehead, vacuum-calibrationbath, cooling bath, saw, puller. Pipeheadinserts and calibrators against surplus price.
r27306.3	Battenfeld 32-160mm pipe line PE, PP	1-90-30 V	1 x 90	30	300-400	110	84/86	PE, PP, venting, pipe die 160mm, calibration bath 160mm, water cooling bath 160mm, 4 belt pipe puller 160mm, planetary saw 160mm
r2719921	Colines/Weber 20-160mm Co-Ex pipe line	1-90-28	2 x 90+30	28+ 25	150-300	79+8	87	PE, PP, DC-drive, first extruder 90mm, Co-extruder Weber, Co-Ex pipe head 20-160mm, vacuum cooling bath (6m), 4 belts pipe puller (20-250mm), pipe saw (up to 160mm), incl. 1 set pipe dies and calibration
r272021	Breyer 90-165mm max. pipe line PE/PP	1-90-33	1 x 90	36	200-300	90	85	PE, PP, calibration bath, 4 belts, puller, saw, tilting table, with one pipehead
r272022	Breyer 110-200mm max. pipe line PE/PP	1-90-33	1 x 90	36	200-300	90	85	PE, PP, calibration bath, puller, saw, tilting table, with one pipehead
r270391	Thermatic 110-200mm pipe line	E 115/25	1 x 115	26	300-400	93	84	PE, PP, venting, DC-drive, die 110-200mm, vacuum calibration bath, puller, saw, pipe die inserts with calibration against additional price
r271492	Krauss-Maffei 110-200mm PVC pipeline	KMD 60	2 x 60-120	con.	100-300	25	85	PVC, venting, counter rotation, PVC-pipedie 110-200mm, pipe-calibrationbath up to 200mm, pipe-cooling bath up to 200mm, 6-rope pipepuller Battenfeld R 200/6, pipesaw Speedex up to 200mm, tilting table
r272991	Cincinnati 110-200mm PVC pipe line	CMT 58	2 x 58-125		120-300	32,5	88	PVC, DC drive, venting, counter rotation, pipe head 112-200mm, calibration bath 120-200mm/6m, cooling bath 120-200mm/6m, pipe puller 110-200mm/4 belts, pipe saw 110-200mm
r27306.2	Battenfeld 63-200mm pipe line	1-90-30 V	1 x 90	30	300-400	110	84/86	PE, PP, PS, ABS, venting, pipe die 200mm, calibration bath 200mm, 4 belts puller 200mm, planetary saw 63-250mm
r268571	Theysohn/Öswag 90-250mm pipe line PVC	AT 88	2 x 88-151		300-400	70	85	PVC, venting, vacuum pump, counter rotation, pipe die, calibration bath, water cooling bath, puller Sica, saw Speedex
r27138	Theysohn/Öswag 110-250mm pipe line PVC	AT 88	2 x 88-151		300-400	70	82	PVC, twin screw extruder, DC-drive, venting, vacuum pump, counter rotation, dosing unit, pipe head, calibration cooling bath, pipe puller, pipe saw
r27191.3	Cincinnati 90-250mm PVC pipe line	CMT 58	2 x 58-125	con.	200-350	32,5	91	PVC, pipe die 90-250mm, calibration bath, cooling bath, puller, saw, DC-drive, venting, vacuum pump, counter rotation, dosing unit
r273612	Reifenhäuser 90-250mm pipe line PVC	BT 1301-2-100-16V	2 x 100	16	250-300	60	86	PVC, DC-drive, venting, vacuum pump, counter roation, pipe die up to 250mm, calibration bath up to 250mm, cooling bath up to 250mm, pipe puller, pipe saw

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PIPE LINES								
Pos.	manufacturer	type	screw Ø mm	L/D	capacity kg/h max.	drive kW	year appr.	Details
r27375	Weber 32-250mm PVC pipe line	DS 125	2 x 125		300-400	60	84/05	PVC, venting, counter rotation, comutator, parallel screws, pipe head RK 250 for pipes up to 250mm, calibration bath ca. 3m max. 250mm (1x vacuum pump, 1x water pump), cooling bath ca. 6m, max. 250mm (1x water pump), Sica puller C250-3, Speedex pipe saw CP250-MK3, pipe hear inserts against surplus price available
r27390.1	Cincinnati 32-250mm PVC pipe line	CMT 80	2 x 80-155	con.	550-650	80	94	PVC, DC-drive, venting, vacuum pump, counter rotation, PLC control, 6m vacuum-cooling bath max. 250mm, 3m cooling bath max. 250mm, Speedex 3 belts puller max. 200mm, Sica planetary saw TR 32-280, pneum. Socketing unit, pipe head 32-200mm
r27391.3	Battenfeld 32-250mm PVC pipe line	BEX 2-90-22 V	2 x 90	22	180-300	44	95	PVC, DC drive, venting, counter rotation, dosing unit, PLC control, 6m vacuum-cooling bath, 3m cooling bath, Speedex 3 belt puller, Sica planetary saw, Sico socketing unit 32/200, pipe head 32-200mm
r27431.1	Battenfeld 110-250mm PVC pipe line	BEX 2-90-25	2 x 90	25	200-450	60	96	PVE, venting, vacuum pump, corotation, PVC pipe head 110-250mm, calibration bath up to 250mm, 4 belt puller 250mm, planetary pipe saw 250mm
r27136	Battenfeld 160-400mm pipe line PP	1-150-30 V	1 x 150	30	300-600	160	92	PP, venting, PP pipe die 250-630mm, without dies, Kuag vacuum calibration bath 250-630mm - 6m, year 1991, cooling bath 250-630mm, IPM pipe puller 8 belts type TR 630/8, year 1995, Speedex pipe saw P5, 250-630mm, tilting table
r268512	Beloit - Italy 140-400mm pipeline	150/26	1 x 152	28	300-600	351	80	
r27391.4	Cincinnati 160-400mm PVC pipe line	CMT 80	2 x 80-155	con.	550-650	46	94	PVC, DC-drive, venting, vacuum pump, counter rotation, extruder with PLC control, pipe head up to 400mm, vacuum calibration bath, cooling bath, pipe puller, planetary saw, pipe head inserts and calibrations agains surplus price
r27427	Krauss-Maffei HDPE pipeline	KME 1-90-30	1 x 90	30	300-500	158	93	HDPE, pipe head 125-400mm, tools 125, 140, 160, 200, 225, 250, 280, 315, 355, 400mm, vacuumtank, spray cooling tank, puller KM SB400/4, saw KLM-RAS 400, pipe printer, tilting table 6.200 mm
r27334.3	Battenfeld 140-450mm pipe line	Uni Ex 1-150-33	1 x 150	33	300-800	260	86	PE, DC drive, screen changer, pipe head Battenfeld PO 4507600 for pipes 140-450mm, vacuum bath Battenfeld 6m, Rollepaal cooling bath 6m, Battenfeld pipe puller R 450/6 6 belts, Battenfeld pipe saw SU 450P 450mm max.
r268513	Beloit - Italy 200-500mm pipe line	150/26	1 x 152	28	700-900	315	80	PE, PP, DC-drive, pipe head 200-500mm, Kuag calibration bath DVK 630, 6m Battenfeld cooling bath, pipe puller IPM TR 630/8, Speedex P7 saw
r27313	Weber 400-630mm PVC pipeline	DS 125	2 x 125	17	400-700	60	84	PVC, pipedie 400-630mm, Kuag calibration bath DVK630 year 1991, 6m Battenfeld cooling bath, pipepuller IPM TR630/8, Speedex P7 saw up to 1000mm
r27325	Battenfeld 250-630mm pipe line PE	Uni Ex 1-150-32	1 x 150	32	600-700	269	89	PE pipe die 250-630mm without inlets, calibration bath 250-630mm - 6m length, pipe cooling bath 250-630mm - 6m length, Emepla 5 belts pipe puller 200-710mm, platetary pipe saw Speedex P7 200-1000mm
r268514	Beloit - Italy 800mm pipe line	150/26	1 x 152	28	300-600	351	80	PE, PP, overhauled in 1996, pipehead 630-800mm, vacuumbath, cooling bath, pipepuller, pipesaw

ACCESSORIES FOR PIPE LINES								
Pos.	manufacturer	type	screw Ø mm	L/D	capacity kg/h max.	Antrieb kW	year appr.	Details
r27145	Battenfeld 250mm pipe saw	SR 250					83	Inlays: 110, 160, 200, 250mm, not for inline use
r27220	Krauss-Maffei 20-125mm pipe die						90	co-ex pipe die 20-125mm, PE, PP, PS, ABS
r27252	Sica 25-160mm pipe saw	NTRS 25-160					82	planetary saw
r27373	Sica 32-250mm 3 belts Pipe puller	C250-3					1996	for pipes from Ø 32-250mm

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EXTRUDERS * EXTRUSION LINES * THERMOFORMING

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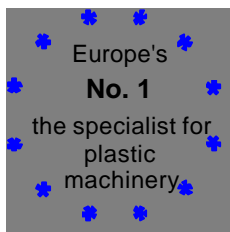
ACCESSORIES FOR PIPE LINES

Pos.	manufacturer	type	screw Ø mm	L/D	capacity kg/h max.	Antrieb kW	year appr.	Details
r27374	Speedex 50-250mm Pipe saw	CP250MK3					1993	For pipes up to Ø 250mm
r27376	Battenfeld 32-250mm pipe puller	R200/4					83	
r27233	Speedex 1000mm pipe saw	P 7					83	
r27405	Uniplex pipe vacuum - + cooling bath						81	vacuum bath Ø 400mm - 6m, Spraybath Ø 400mm - 6m, 4 belts take off "Battenfeld", max. Ø 400mm
r27390.3	Speedex pipe puller	CT200/3					89	3 belts puller
r27390.4	Sica 32-280mm pipe saw	TR 32-280						planetary saw
r27414	Cincinnati 250mm pipe bath	RWV 2508 S91					92	
r27322.1	Battenfeld vacuum bath	V125VA					99	
r27405.1	Battenfeld 400mm 4 belt pipe puller	R400/4						
r27441	Leibinger Rohr-Signiergerät	Jet-3					2011	
r27456	Repiquet vacuum-calibrationbath	VAB 315/6					1988	PVC, PE, PP
r27455	Battenfeld coolingbath for pipes	400/6						PVC, PE, PP
r27454	Krauss-Maffei coolingbath for pipes	KM SB 400/6						PVC, PE, PP

PROFILE LINES

Pos.	manufacturer	type	screw Ø mm	L/D	capacity kg/h max.	drive kW	year appr.	Details
pf27279	Cincinnati twinscrew extruder	CMT 45	2 x 45-97	con.	100-170	16 DC	88	PVC, venting, counter rotation, dosing unit
pf271912	Cincinnati 58-125mm PVC profile line	CMT 58	2 x 58-125	con.	150-250	32,5	91	PVC, DC drive, venting, vacuum pump, calibration table, profile puller, profile saw, tilting table
pf272992	Cincinnati 58-125mm PVC profil line	CMT 58	2 x 58-125		120-300	32,5	88	PVC, DC drive, venting, counter rotation, calibration table mi 3 pumps, puller with saw 240mm, tilting table
pf268585	Theysohn/Öswag 200mm PVC profile line	AT 60	2 x 60-132	130	150-250	33	82	conical twin screw extruder, PVC, venting, counter rotation, vacuum pump, dosing unit, vacuum calibration, puller, saw
pf27172	I d e 200mm PVC profile line	DSK 52	2 x 52-104	con.	20-140	15	89	PVC, venting, counter rotation, dosing unit, vacuum calibration table, I d e puller ME 31 200mm width, extra vacuum calibration, profile punching unit, tilting table
pf27226	Battenfeld 200mm PVC profile line	Uni Ex 2-50-16	2 x 52	16	10-70	10	89/92	PVC, DC-drive, venting, counter rotation, calibration table, puller, saw, tilting table

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PROFILE LINES								
Pos.	manufacturer	type	screw Ø mm	L/D	capacity kg/h max.	drive kW	year appr.	Details
pf268575	Theysohn/Öswag 240mm PVC profile line	AT 88	2 x 88-151	con.	300-500	70	82	conical twinscrew extruder, PVC, venting, counter rotation, vacuum pump, dosing unit, vacuum calibration, puller, saw
pf271491	Krauss-Maffei 240mm PVC profile line	KMD 60	2 x 60-120	con.	100-180	25	85	PVC, venting, counter rotation, calibrationtable with vacuum pump, puller 3 t. max. 240mm width, saw up to 240mm, tilting table 6m long
pf271911	Cincinnati 240mm PVC profile line	CMT 58	2 x 58-125	con.	200-350	32,5	91	PVC, calibration table, puller, saw, DC-drive, venting, vacuum pump, counter rotation, dosing unit
pf273902	Cincinnati 300mm PVC profile line	CMT 80	2 x 80-155	con.	550-650	80	94	PVC, DC-drive, venting, vacuum pump, counter rotation, PLC control, vacuum calibration table 12,5m with 5 pumps, puller/saw, tilting table
pf273912	Battenfeld 300mm PVC profile line	BEX 2-90-22 V	2 x 90	22	180-300	44	95	PVC, DC drive, venting, counter rotation, dosing unit, PLC control, vacuum calibration table 12,5m with 5 pumps, puller/saw, tilting table 6m

ACCESSORIES FOR PROFILE LINES								
Pos.	manufacturer	type	screw Ø mm	L/D	capacity kg/h max.	Antrieb kW	year appr.	Details
pf260391	Vobau profile line downstream	TSQ-P-504-A-300					88	puller with saw
pf27222	l d e haul off							
pf271711	Krauss-Maffei profile line downstream	KM 432-3					89	250mm take uff, 200mm guillotine
pf273915	Battenfeld 300mm profile puller + saw						95	saw P250 SX 2400, puller SPR 125 A
pf273916	Battenfeld calibration table	K 400 V5/12-5					96	12,5m length with 4 pumps
pf27413	250mm profile puller							
pf272661	Battenfeld profile downstream	SRR 125 A/P160 SV					92	saw and puller

blowfilm lines * laminating								
Pos.	manufacturer	type	screw Ø mm	L/D	capacity kg/h max.	drive kW	year appr.	Details
f270350	Meyer laminating line 1400/800mm	RPS-C 1400					99	working width max. 1400mm, max. 15 m/min., 3 unrollings max. 500mm diam., 2 rolls calender with 360mm diam., infrared heating and conveyor belt, flying chaning of rolls with board-tube 76mm diam., twin-rollings with 500mm diam., wind-up width max. 800mm diam., width upto 1400mm on request, rebuilt in 1999
bf26955	Kuhne 500mm blowfilm line	35/20	1 x 35	20	30-50	7,7	83	PE, PP, die, laying equipment, puller, winder
bf27027	Colines 600mm lab-blow film line	45/25	1 x 45	25	30-60	8	87	PE, PP, die, cooling tower, puller, double winder for double width 600mm
f27350	Reifenhäuser 1350mm HDPE tubular blow film line	70-30 D	1 x 70	30			85-01	For duplex, single colour printed tubular films, single screw extruder 70/30 with tubular-film die, Haul-off with platform, advancing TMB flexoprinting-unit for face and reverse printing, 2 flexo-printing devices, printing width 1350 mm, continous length with repeating pattern, cross-register settings +/- 15 mm, length-register settings 360° continuously variable, max. printing speed. 60m/min

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SHEET LINES * THERMOFORMING SHEET LINES * FLAT FILM LINES								
Pos.	manufacturer	type	screw Ø mm	L/D	capacity kg/h max.	drive kW	year appr.	Details
t27388	Omipa multi-wall sheet line	1-120-33	1 x 120	33	350-450	200	1988	Material: PC or PP. with Degasing, Siemens "Simatic OP17" PLC-Controls, Vacuumstation with water ring pump and steam traps, Screenchanger GNEUSS SF90, Melt pump MAAG 56/56, Calibrator OMIPA 2400 mm, 10 rolls Haul-off OMIPA, protection film laminating unit, Hot-Knife length cutting OMIPA, Cross saw OMIPA 2200 mm
t262223	Breyer/ I D E 400x0,2-1,5mm, appr. 350 net sheet line		60	20	50-80	11,5	85	PE, PP, PS, ABS, soft-PVC, die, 2 rolls polishing stack 500mm, puller, winder
t271171	Battenfeld 780mm PVC sheet line	K286-0-16/D3	2 x 86	15	150-250	29	77	PVC, venting, counter rotation, dosing unit, die, 3 rolls polishing unit, 2 rolls puller, winder, DC drive
t27074	Bellaplast/Henschel 800mm flat film line + thermoforming line	HES-120-30 D	120	32	200-300	220	88	PE, PP, PS, ABS, die, screen changer, polishing unit
t27202.3	Breyer 800x0,2-6mm sheet line	1-90-33	1 x 90	36	200-300	90	85	PE, PP, PS, ABS, venting, DC-drive, vacuum pump, die 800mm, screen changer, polishing unit, puller, saw
t26260	Covema 820x0,2-1,5mm, appr. 750 net sheet line	120/30	120	30	250-350	92	86	PE, PP, PS, ABS, soft-PVC, PET on request, die 820mm, 2 rolls polishing, puller, double winder
t27199	Colines 850x0,2-1,2mm sheet line	1-90-28	1 x 90	28	150-300	79	87	PE, PP, PS, ABS, DC-drive, electrical heating of the cylinder, cooling by fans, conventional controls, die 850mm, 3 rolls polishing stack with new chromium plated rolls 990mm x Ø 250mm, puller with new rubber rolls, quillotine, cooling stack.
f274430	Battenfeld/Kleinewefers 900x200µ-1,0mm PVC calenderline	PWE 150			300-400	105	1987	PVC, DC-Motor, venting, vacuum pump, Planetary-Extruder with stranddie, dosing unit, 2+1 rolls calander(2x Ø450mm, 1x Ø150mm, with new chromed mirror surface polishing rollers), edge trim cutting, 3+1 tempering units, cooling traci, winder, heating- + cooling mixer CT 200/VC 500, for crystal clear rigid- + soft-PVC-film, 100% suitable for waste material
t27442	Welex 910mmx0,2-2,0mm sheet line		1 x 90	30			89	PE, PP, ABS, DC-Motor, 90mm extruder with venting, material feeder, die 910x0,2-2,0mm, 3-rolls polishing unit 1040x Ø450mm, with watercooling, rubber roll-puller 1000mm, cooling track 4m, Welex doublewinder
t262601	Covema 1100,2-1,5mm, appr.950 net sheet line	120/30	120	30	250-350	92	86	PE, PP, PS, ABS, soft-PVC, PET on request, die 1100mm, 2 rolls polishing, puller, double winder
f270282	Berstorff/Reifenhäuser 110x0,2-1,5mm PET flat film line	ZE 60	2 x 60	33	200-350	100	87	PET, PE, PP, die 1100mm, 3 rolls polishing with single drives, cooling unit, 2 rolls puller, 2 stations winder, dryer
t270282	Berstorff 1100x0,2-5mm sheet line net. appr. 1050	ZE 60 M	2 x 64	33	300-400	95	87	PE, PP, PS, ABS, compounding extruder, venting, corotation, segmented screws and barrels, 3 rolls polishing unit 1100x200mm, cooling unit, 2 rolls winder 1200mm, winder, quillotine available
t27151	Battenfeld/Kleinewefers 1200x2-8mm PMMA- sheetline	125 H / 25 D	1 x 125	25	150-250	59	83	PMMA, PE, PP, PS, ABS, single screw extruder, DC-Motor, venting, T-die, polishing rolls 1200 x 300mm diam., cooling unit, 2rolls-puller, quillotine
f274370	Welex 1200mm CoEx-filmline		115+64	30+ 24		181		PE, PP, PS, ABS, main extruder 115 mm, co-Extruder 64mm, melt pump with controls, hydr. Screenchanger, co-ex block (suitable for 3 extruders), co-ex die 1200mm, 3 rolls polishing stack 1200 x Ø 500mm, antistatic-bath, side stripe cutting, puller, Menzel 2 station winders
t270391	Thermatic 1320x0,2-4mm sheet line appr. 1200 net.	E 115/25	1 x 115	26	300-400	93	84	PE, PP, PS, ABS, venting, die 1320mm, 3 rolls polishing unit, puller, winder or quillotine, saw on request
f27187	Welex 1350mm PET sheet line	4.50 VRH	90+50	30+ 24	300-500	110+18	90	PET, DC-drive, venting vacuum pump, 1350mm Co Ex Flexlip die, 3x1350m x Ø450mm rolls calender stack, 2x1350mm x Ø200mm rolls haul-off with rubber-rolls. Winding station or quillotine. Against surplus price: "Somos" PET granule dryer and vacuum pump.
t27287	Bandera 1250mm sheet line	TR 100/32	100	36	300-400	110	85	PE, PP, PS, ABS, venting, vacuum pump, melt pump, die 1350mm, 3 rolls polishing unit, single drives, hotknife side cutting, roll tempering, puller with Top- / Bottom lamination device, cross saw 1350mm

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SHEET LINES * THERMOFORMING SHEET LINES * FLAT FILM LINES								
Pos.	manufacturer	type	screw Ø mm	L/D	capacity kg/h max.	drive kW	year appr.	Details
t27331.0	Welex 1450x1-5mm sheet line	115/30	1 x 115	30	400	205	91	DC-drive, venting, hydr. Screen changer, Maag melting pump 1450mm Flex-Lip sheet die, 5 rolls polishing stack 1450mmx450mmØ, hydr. Nip. Individual dc motors for each roll, cooling unit, guillotine 2000mm
t27389	OMP-Prealpine 1450x0,2-6mm sheetline	T 130-CD 35	1 x 130	35	300-500	240	98	PE, PP, PS, ABS, T-die 1750mm, deckling possible up to min. 800mm, 3 rolls polishing stack 1450x450mm diam. (drives 5,5kW), 2 rolls haul-off 1450mm, melt pump with Dynisco controls, Gneuss screenchanger RSF 75, tempering unit, coil-winder or sheet-stacker
t272031	Breyer 1500x1-8mm sheet CoEx sheet line	1-90-30	1 x 90	33	200-400	101	80	PE, PP, PS, ABS, venting, DC drive, 2 extruders, die 1500mm, CoEx block, screen changer, 3 rolls polishing unit, puller, guillotine
t27332.0	Kuhne 1600x2-13mm sheet line	125/33	1 x 125	33	500	260	98	PE, PP, PS, ABS, 125mm extruder, plugged vent, hydr. Lantern slide screen changer with power pack, Extrex melt pump, 1600mm EDI RC 100 flex lip die, 1600x450mm Kuhne 3 rolls polishing stack unidrive, single side dorona treater, 3 zone pump group with heat exchangers, pressurised, 2 roll haul off with variable speed control, guillotine
t27330.0	Union/Kuhne 1600mm Co-Ex sheet line		120+60	35+ 33	550	210	00	PE, PP, PS, ABS, 120mm Union single screw extruder, electrical heaters, fan cooled barrel 35D vented, Union melt pump, 60mm Kuhne coextruder vented, 1500mm flex lip die with choker bar, 160mm Union 3 rolls polishing stack, 450mm chrome rolls, AC individual roll drives, pneumatic closing, 1600mm double haul off, 1600mm guillotine, exit conveyor table
t273341	Battenfeld/Reifenhäuser 1600x0,2-6mm sheet line	Uni-Ex 1-150-32	1 x 150	32	400-700		84	PE, PP, PS, ABS, dosing unit, die 1800mm with melting pump, 3 roll polishing stack 1800x400mm Reifenhäuser, side cutter, 6m roll cooling unit, 2 rolls rubberpuller 1800x200mm Reifenhäuser, 2000mm guillotine, 3-fold volumetric dosing unit
t27333.0	Kuhne 1650mm sheet line	150/33	1 x 150	33	850	360	96	PE, PP, PS, ABS, DC-drive, venting, plugged vent, electrically heated, fan cooled barrel 460kW dc motor and drive. 150mm hydr. lantern slide screen changer, Extrex gear pump with gearbox and dc-motor, 1650mm wide flex lip sheet die, 1650mm wide Kuhne 3 roll polishing stack, 3 x 600mm diameter rolls, individual AC motors an inverter controls, 3 zone pump group, under 5m cooling conveyor, 1650,, wide 2 roll haul off, 2000mm wide Edwards guillotine
t27432	Breyer/Reifenhäuser 1650x2,0-6mm Co-Ex sheetline, 1600mm net	1-105-36	1 x 105	36	300-500	145	86/10	PC, PE, PP, PS, ABS, DC-motor, venting, vacuum pump, main extruder Breyer Ø 120mm, Co-extruder Omipa Ø 45mm, melt pump, Co-Ex block, die 1775mm, Reifenhäuser polishing stack GKT 1800 with mit 3 new polishing rolls 1800xØ400mm, side cutting with hotknife, 6m cooling stack, 2 rolls haul-off Reifenhäuser, Guillotine, outfeed-table, new Siemens S7 + Plama Plexcon central control
t27344	Breyer 1700x1-12mm sheet line net. appr. 1650mm	E-1-120-36	1 x 120	36	400-600	200	87	PC, PE, PP, PS, ABS, die 1700mm, 3 rolls polishing unit 1800/400mmØ Reifenhäuser, cooling belt 8m, 2 rolls puller 1800mm, guillotine 2000mm
t27334.2	Battenfeld 1750x0,1-13mm sheet line	115/30	1 x 115	30	500		91	PE, PP, PS, ABS, DC-drive, melting pump Maag, 1750mm EDI Fastgap sheet die, 3 roll polishing stack Battenfeld 1750x400mm Ø Battenfeld, hydr. Nip. Chain driven with slipping clutch on to roll, 3 zone pump group with individual pressurized temperature controllers, 1750mm wide 2 roll haul off, 2000mm wide Edwards guillotine
t27329.0	Kuhne 1750x0,4-5mm sheet line	125/33	1 x 125	33	800	220	88	PE, PP, PS, ABS, DC-drive, venting, 125mm Kuhne single screw extruder, electrical heated, fan cooled barrel, vented, Extrex 70 melt pump with dc motor and controller, 1750mm Verbruggen flex lip sheet die with deckle facility, 1750mm Repiquet 5 roll polishing stack, 450mm diameter rolls, individual dc drives for each roll hydr. Main nip, 2000mm guillotine, conveyor table
t271271	Battenfeld 1800x0,5-10mm Coex sheet line 2 layers appr 1650mm net.	1-150-30 V	1 x 150	30	300-600	269	92	PMMA, PC, PE, PP, PS, ABS, venting, 2 extruders, die 1800mm, coex feed block, screen changer, 3 rolls polishing unit, winder or guillotine
t271272	Battenfeld 1800x0,2-4mm sheet line PMMA/PC appr 1650mm net.	1-150-30 V	1 x 150	30	300-600	269	92	PMMA, PC, PE, PP, PS, ABS, venting, die 1800mm, 3 rolls polishing, puller, saw or guillotine, embossing and coating possible

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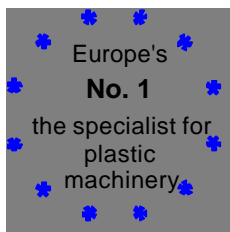
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SHEET LINES * THERMOFORMING SHEET LINES * FLAT FILM LINES								
Pos.	manufacturer	type	screw Ø mm	L/D	capacity kg/h max.	drive kW	year appr.	Details
t261405	Berstorff/Erwepa 1850x0,01-1,1mm,appr. 1700 net,PVB for security glasses+car wind screens	ZE 60	2x60	32	200-300	90 DC	93/94	complete PVB-film line, twinscrew extruder, corotation, 1850mm ERWEPA die waterbath, cooling sections, haul off, winders, upon request thickness profile regulation with gauge and 3 rolls polishing unit
t261408	Erwepa/Esde 1850x30mp-2mm cast- stretch-film-line	2-95	2x95	25	200-300	61	90	complete film line, soft-PVC, PE, PP, twinscrew extruder, corotation, 3 rolls polishing unit, 1850mm ERWEPA die, haul off, winders max. 100 m/min.
t27269	Ompa 2000x2-12mm Co Ex sheet line	OM 120/OM 65	2 x 120+65	32	300-600	160+45	88	PE, PP, PS, ABS, Co extruder OM 65, gearpump with 15kW DC, Simplas 3 layer coextrusion cane type feedblock with variable geometry ABCC, Simplas fastgap type die, with inclined choker bar, flex lip 2-12mm variable side decals, 3 rolls polishing stack, tempering unit, grinder with side cut, puller, guillotine
t27433	Reifenhäuser/Kuhne 2000mm (net)x2-12mm sheet line	GKT 2400	1 x 105	30	400-650	145	98	PE, PP, ABS, DC-Motor, venting, vacuum pump, melting pump Maag 70/70, sheetdie 2.150mm, 2-12mm, 3 rolls polishing rolls Reifenhäuser GKT 2400x400mm, cooling track, Reifenhäuser 2-rolls puller 2400mm, Reifenhäuser guillotine 2.400mm, 3 rolls tempering units, new rolls
t271071	Reifenhäuser 2100x2-8mm sheet line	EH 2400-1-150-30	1 x 150	30	400-600	16-160	83	PE, PP, PS, ABS, venting, vacuum pump, melting pump, die 2100mm, polishing stack, cooling stack, puller, length saw, cross cutting, stacking unit, screen changer
t271273	Battenfeld 2200x0,5-10mm Coex sheet line 2-3 layers	1-150-30 V	1 x 150	30	300-600	269	92	PMMA, PC, PE, PP, PS, ABS, venting, 2 extruders 150+35mm Ø, coes feed block, die 2200mm, 3 rolls polishing cooling unit, saw or winder available, 3. extruder on request
t271274	Battenfeld 2200x0,5-6mm sheet line appr. 2000mm net.	1-150-30 V	1 x 150	30	300-600	269	92	PMMA, PC, PE, PP, PS, ABS, die 2200mm, Reifenhäuser 3 rolls polishing unit 2300x300mm Ø, side cutting, cooling unit, puller 2300mm, winder or guillotine
t271275	Battenfeld 2200x0,5-10mm coex sheet line 2-3 layers, appr. 2000 net.	1-150-30 V	1 x 150	30	300-600	269	92	PMMA, PC, PE, PP, PS, ABS, venting, 2 extruders 150 + 30mm Ø, Coex feed block, die 2200mm, 3 rolls polishing unit cooling unit, 2 rolls puller, guillotine, saw or winder available, 3.extruder on request
t27285	Reifenhäuser 2050mm Co-Ex sheet line	EH 2400-1-150-33	1 x 150 + 45	33 + 32	600-800	160+36	87	PMMA, PC, PE, PP, PS, ABS, venting, vacuum pump, melt pump, screen changer, feedblock, coextruder Kuhne, die 2200mm, 3 rolls polishing unit horizontal 2300mm/Ø400mm, cooling unit, tempering unit Kelvoplast, puller, hotknife, cross saw, stacking table.
t27379.0	Battenfeld/Breyer 2200x2-12mm Co-Ex sheet line	150/35	1 x 150	35	600-700	160	87/00	PMMA, PS, extruder with water cooled cylinder, DC-drive, venting, vacuum pump, hopperloader with 3 components volumetric dosing unit, Ompia sheet die 2200mm, die holder, cooling sektion 12m, 2-puller with ariblowssystem for waste, with 3 station for length saw, tempering unit, stacking unit, 45cc Co-Extruder, Feedblock for Co-Ex, 2 screen changers, 2 melting pumps, Resotec PLC control
t27447	Welex 2200x2-12mm Co-Ex sheet line	150mm	2 x 150/63	30/30	400-800	373/37	96	PE, PP, PS, ABS, Welex Main- (Ø 150 mm) + Co-Extruder (Ø 63 mm), screen changer, melt pump MAAG GP 90, Welex ABA Co-Ex adapter, T-die Verbuggen 2200 mm, 3 rolls polishing stack 2286 x Ø 600 mm , top and bottom protection, 2 rolls puller, guillotine up to 6m, conveyor and sheet stacker
t268212	Krauss-Maffei / Reifenhäuser 2300x0,4-4mm sheet line	GT 2300/300	1 x 125	30	500-700	200	88	single screw extruder, 3 rolls polishing unit with single drives, side cutting, 2 rolls puller, winder or guillotine
t272911	Breyer 2300x2-12mm sheet line	1-120-36	1 x 120	36	400-650	200	88	PMMA, PC, venting, vacuum pump, Maag melting pump 70/70, screen changer Gneuss SF90, 3 rolls polishing unit 2300x400mm, cooling unit, 4 rolls puller incl. laminating, stacker, sheet die 2300x2-12mm
t27410	Reifenhäuser/Krauss- Maffei 2400mm (net)x2-10mm sheet line		1 x 125	36	400-650	220	92-98	PE, ABS, DC-Motor, venting, vacuum pump, melting pump Maag 70/70, sheetdie 2.600mm, 2-10mm, 3 rolls polishing rolls Reifenhäuser GKT 2600x400mm, with servodrives, cooling track, Reifenhäuser 2-rolls puller 2400mm, Reifenhäuser guillotine 2.400mm, 3 rolls tempering units

Castfilm- * stretchfilm- * shrink-film lines * BOPP								
Pos.	manufacturer	type	screw Ø mm	L/D	capacity kg/h max.	Antrieb kW	year appr.	Details
t274210	Battenfeld 3-layer (ABA) co-ex cast- film line	Uni-Ex 1-120-32 / Uni-Ex 1-60-30	2 x 120+60	32	500-800	180+37	1993	PE, PP, Co-Extruder Battenfeld-Gloenco Ø 60mm, melt-pump, screenchanger, CoEx feed block ABA, T-die 1650mm, chill-roll polishing stack with 2 rolls, cooling track, haul-off, double winder, side cutting system with grinder.

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Castfilm- * stretchfilm- * shrink-film lines * BOPP								
Pos.	manufacturer	type	screw Ø mm	L/D	capacity kg/h max.	Antrieb kW	year appr.	Details
f27423	Betol 800x30-800µ ABA Co-Ex Castfilmline		2 x 75+60	33/3 3	200-350	75+60	1993	PE, PP, main extruder 75mm Ø, Co-extruder 60mm Ø, Co-Ex block, die, Chill-Roll polishing unit with 2 rolls, cooling unit, puller, winder, side stripe cutting
f27422	Battenfeld 1650x0,02-0,08mm 3 layer Co ex ABA cast film line	Uni-Ex 1-120-32 / Uni-Ex 1-75-32	2 x 120+75	32	400-700	180+86	1993	PE, PP, ABS, DC-drive, co extruder Battenfeld 75mm, melting pump, screen changer, co-ex-block, die 1650mm, chill roll polishing unit with 2 rolls, cooling unit, puller, double winder, edge trim, side stripe grinder, 2 cooling units
f261408	Erwepa/Esde 1850x30mµ-2mm cast- stretch-film-line	2-95	2x95	25	200-300	61	90	complete filmline, soft-PVC, PE, PP, twinscrew extruder, corotation, 3 rolls polishing unit, 1850mm ERWEPA die, haul off, winders max. 100 m/min.
ACCESSORIES SHEET LINES * FILM LINES * CALENDER LINES								
Pos.	manufacturer	type	screw Ø mm	L/D	capacity kg/h max.	drive kW	year appr.	Details
t25508	Breyer 3 layer t-die 400x0,3-2mm						80	PE, PP, PS, ABS
t27438	Union guillotine 1.280mm							2,2 kW, working width up to 1.280mm, material thickness up to 12mm, incl. Motor-powered conveying table w1.250 x l2.500mm
t27439	Reifenhäuser sheet down stream							PE, PP, PS, ABS, polishing unit 1800x400mm, new screws, 3 tempering units, 2 rolls puller, cooling unit
m27165	Cramer dryer	S 45				5	87	
m27225	Illig film grinder	RS 63			200-400	7,34	83	
t26924	Reifenhäuser t-die 520x0,3-2mm						80	PE, PP, PS, ABS
t27002	Reifenhäuser platten/sheet die 620x0,2- 6mm						85	PE, PP, PS, ABS, PC, PMMA
t25934	Esde PVC die 685x0,2-2mm							PVC, PE, PP, PS, ABS
t26124	Reifenhäuser die 800x0,3-10mm	TKS 800					80	PE, PP, ABS, PC, PMMA, chromium
t27004	Reifenhäuser platten/sheet die 800x0,2- 6mm						85	PE, PP, PS, ABS, PC, PMMA
t26831	Reifenhäuser double wall die 1100mm						80	PS, ABS, PC, coex-die
t26934	Reifenhäuser sheet/film downstream 1200mm	GM 120/63					70	1200mm sheet/film downstream with 3 rolls polishing unit and 2 rolls puller
t27006	Reifenhäuser coex-platten/sheet die 1250x0,2-6mm						85	PE, PP, PS, ABS, PC, PMMA
t263562	double winder 1350mm							
t27297	Kellermann 1380x2-12mm sheet die						88	
t26120	Edi thermoforming sheet die 1422x0,1-1mm	H 40					91	vertical, flexible lips, for high pressure, cast-film-die, like new

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ACCESSORIES SHEET LINES * FILM LINES * CALENDER LINES								
Pos.	manufacturer	type	screw Ø mm	L/D	capacity kg/h max.	drive kW	year appr.	Details
t27294	Kellermann 1530x2-12mm sheet die						88	
t26250	Omipa platten die 1545x0,5-8mm	1545					90	possible co-ex
t26852	Beloit - Italy 1700x0,2-2,5mm T-die	1700					90	
t27296	Kellermann 1775x2-12mm sheet die						88	
t27295	Kellermann 1775x2-12mm sheet die						86	
t261401	Erwepa T-die 1850x0,2-2mm	1850					93	like new, low working hours, thickness control and self-adjusting equipment for automatical run against additional price available
f255165	double winder 2000mm						85	
t25513	sheet die 2200x0,5-5mm							PE, PP, PS, ABS
t27298	Kellermann 2200x2-12mm sheet die						88	
t27293	Kellermann 2200x2-12mm sheet die						88	
t26821	Reifenhäuser sheet downstream 2300mm	GT 2300/300T4					80	3 rolls polishing unit 2300x300 with separate drives, side cutting, 2 rolls puller AT 2300/350 T4

THERMOFORMERS* VACUUMFORMING MACHINES								
Pos.	manufacturer type	type	drawing depth mm	L/D	forming area mm	Antrieb kW	year appr.	Details
vt26938	Illig vacuum forming machine	UA 100 EDH	500		1000 x 600		80	double heating
vt26240	Lensing pressure former, up to 30 cycles/min.	B400	100		450 x 300		82	PE, PS, 450x300mm forming area, ceramic double heating, drew max. 100mm, punching unit, max. 25 cycles
vt27043	Illig pressure former up to 50 cycles/min.	RDM 50/3	30		520 x 300		88	forming area 520x300mm, depth 30mm, double heating, un- and rewinder, Illig grinder RS 63 and spare parts available

MIXER * DOSING UNITS * MIXING UNITS								
Pos.	manufacturer	type	screw Ø mm	L/D	capacity kg/h max.	drive kW	year appr.	Details
mi261408	Berstorff/Brabender liquid dosing unit	ZE 75 A					93/94	
g261409	Brabender liquid dosing unit	FDDW H21-DKP/2.25			10-100	2,5	93	from 10 up to 100 kg/hr.
mi27260	Trusioma heating-/cooling mixer PVC	HDHK 160/400			200-500	11+36	86	heating mixer 160 ltr., cooling mixer 400 ltr., framework, control panel,
m27417.0	Papenmeier heating-/cooling mixer	TSEH 500/KMSO 1400			550	100/22	88	heating mixer 500 L, 72/100 kW, cooling mixer 1400 L, 18,5 / 22 kW

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MIXER * DOSING UNITS * MIXING UNITS								
Pos.	manufacturer	type	screw Ø mm	L/D	capacity kg/h max.	drive kW	year appr.	Details
mi27034	K-Tron double volumetric dosing unit	LWF 3/T. 37			400-600		01	like new, for granules and powder with twin screw
mi27458	Papenmeier heating-/cooling mixer	KMSO 1400/TSEH 500			500-1400	72/100		PVC, heating mixer 500 ltr., cooling mixer 1.400 ltr., horizontal
GRINDERS								
Pos.	manufacturer	type	knife width mm	L/D	throat mm	drive kW	year appr.	Details
m27156	Dreher Randstreifenmühle							
m27457	grinder							incl. blower and cyclone
m27000	Herbold grinder	25/30	300		300 x 300	11	92	blower, cyclone, open rotor, 150-250kg/h
m27276	Plama grinder	MN 300/400	400		300 x 400	15	07	rotor speed 900rpm, additional blowing device against surplus price
m27345	Rapid pelletizer/grinder	8045			800 x 450	45	99	Sound insulating cabinet, conveyor belt, 2 stationary knives, 3 rotary knives
m27225	Illig film grinder	RS 63	600		600	7,34	83	
MISCELLANEOUS								
Pos.	manufacturer	type	screw Ø mm	L/D	capacity kg/h max.	drive kW	year appr.	Details
v26988	Somos drying funnel	GFK 501					88	
v26987	Somos drying funnel	GFK						
v26982	Somos drying funnel	GFK						
v26986	Somos drying funnel	GFK						
v26985	Somos drying funnel	GFK						
v26984	Somos drying funnel	GFK						
v26983	Somos drying funnel	GFK						
v26990	Somos drying funnel	GFK 501					88	
v26989	Somos drying funnel	GFK					91	

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MISCELLANEOUS								
Pos.	manufacturer	type	screw Ø mm	L/D	capacity kg/h max.	drive kW	year appr.	Details
v27399.0	Barmag complete PP woven bags production line	Evotex II/1000					02	Extruder Barmag Evotex II/1000, chiller (Kelviplast, 105.000 Kcal/h), volumetric doser Barmag, winder Barmag Salm S100 E (147 heads), air compressor (Kaeser), circular looms machines for PP bags, endow with 560 chain yarns - tubular cloth width between 20 and 85cm, 220 cloth cylindrical rolls, automatic cutting - sewing machine, 2 flexographic printing machines, hydraulic packing machine by pressure (capacity 10tons), complete laboratory equipment, tubes for bobbins confection
v27415	Weiß climate cabinet	300 SB					86	
15663	Plasticservice water cooling unit	STT 140/24				31,5	90	
CHILLERS * HEATING-/COOLING UNITS								
Pos.	manufacturer type	type	heat. capac. kW	cooling capac. kW	drive kW	year appr.	equipment	
15663	Plasticservice water cooling unit	STT 140/24			31,5	90		
15810	OMF chiller						9m³/h at 12°C water temperature and 6 bar water pressure	
15828	MTA compress airdryer	DE 170 HP			2,37		1020m³/h	
15814	MTA chiller	Cool EVO 121			39	18	08	max. flow 18,0m³ - at 2,2 bar, working pressure max 6 bar, nominal cooling capacity 39kW at 7°C and 30°C outside temperature
15823	MTA cold water aggregate	Cool EVO 602			130	38,2	2009	Cold achievement 130 kW at 7 / 12°C and 32°C environment temperature, 2 chill circulations, cold means R407C, min flow 22.3 m³ / h with 3.3 cash, max. flow 48.0 m³ with 1.9 cash, test place checked, density certificate in 2010.
15470	Conair chiller	CC A 8 24kW - 20750kcal/h			24		88	like new, air cooled
hk268486	Single heating-/cooling unit	STO 1-24-60-D		24		7,5	88	
hk268488	Single heating-/cooling unit	STO 1-48-80-D		48		7,5	88	

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