

# Thermal Transfer Printers

WAGO TP 343 and TP 298



Description	Item No.	Pack. Unit
	<b>258-343</b>	<b>1</b>
<b>TP 343 Thermal Transfer Printer</b>		
Resolution 300 dpi, incl. ProServe software; for 2009 and 709 Series marking strips		
<b>Technical Data</b>		
Printing method	Thermal/thermal transfer	
Printhead system	Thin-film transfer head	
Print resolution	300 dpi	
Print speed	up to 76 mm/sec.	
Print width	6 - 104 mm (0.25" - 4.09")	
Print length	up to 990 mm (39")	
RAM memory	2 MB DRAM, 1 MB Flash	
Interfaces	Parallel Centronics (LPT), RS-232 (COM), USB, ETHERNET 10/100 Base T	
Sensors	Label sensor (material end, foil end, bottom reflective sensor)	
Other	2 cardboard cores (104 mm) for ink ribbon rewinder; operating instructions in German and English	
Power supply	Universal power supply unit	
Operating voltage	100 V ... 240 V AC / 50 Hz ... 60 Hz	
Dimensions (mm) W x H x L	230 x 200 x 290 (Length with unwinder: approx. 450 mm)	
Enclosure	Double-walled plastic	
Weight	1000 g	
Safety approvals	CE, FCC Class A, UL, CUL, TUV	
Accessories	1 x USB cable; 1 x ETHERNET cable; unwinder set; marking strips (1 x 2009-110); ink ribbon (1 x 258-145)	

Description	Item No.	Pack. Unit
	<b>258-298</b>	<b>1</b>
<b>TP 298 Thermal Transfer Printer</b>		
Resolution 300 dpi, incl. ProServe software and 258-178 print roller for WMB Inline and 2009 and 709 Series marking strips		
<b>Technical Data</b>		
Printing method	Thermal/thermal transfer	
Printhead system	Thick-film	
Print resolution	300 dpi	
Print speed	100 mm/sec.	
Print width	108.4 mm	
See-through/reflective sensor	standard	
Processor 32 Bit ColdFire/clock rate	64 MHz	
RAM memory	8 MB RAM	
Program memory	4 MB Flash	
Slot for memory card	CompactFlash Type 1	
Interfaces	ETHERNET 10/100 Base T, RS-232 (COM), USB	
Accessories (optional)	Cutter, external unwinder, external rewinder, CompactFlash memory card 16-512 MB	
Operating voltage	100 V ... 240 V AC / 50 Hz ... 60 Hz, PFC	
Dimensions (mm) W x H x L	242 x 274 x 446	
Weight	10000 g	
Operating temperature	10°C ... 35°C	
Rel. humidity	30 % ... 85 %	
Safety approvals	CE, FCC class 1	
Accessories	1 x USB cable; 1 x serial cable; marking strips (1 x 2009-110); ink ribbon (1 x 258-149)	

Application table for ink ribbon/markings accessories/printer

Item No.	Width	Ink Ribbon	Marking Accessories	Printer
258-143	60 mm	resin/wax	Labels (paper)	all types
258-144	100 mm	resin/wax	Labels (paper) for cable marking 211-155 / 211-156	all types
258-145	38 mm	resin	2009 Series marking strip 2009-xxx 709 Series marking strip 709-xxx WMB Inline (not printable with TP 343)	TP 298 & TP 343
258-149	50 mm	resin	Marking Strip Series 2009 2009-xxx Marking Strip Series 709 709-xxx WMB Inline (not printable with TP 343)	TP 298+
258-150	76 mm	resin	Marking cards for wire marking 211-111 and 211-121 Labels (polyester) up to 76 mm	all types
258-157	100 mm	resin	Labels (polyester) up to 100 mm	all types

Accessories for 3M PL300 Mobile Printer

Accessories for 3M

Self-adhesive marking

Self-adhesive marking

Heat shrink tube

Heat shrink tube



Description		Item No.
Marking strips	white, 11 mm width x 5.5 m	211-611
Adhesive strips	white, 9 mm width x 7 m	211-612
Adhesive strips	white, 19 mm width x 7 m	211-613
Heat shrink tube	white, 9 mm width x 1,5 m	211-614
Heat shrink tube	white, 19 mm width x 1.5 m	211-615

Ink ribbon for labels

Ink ribbon for labels

Ink ribbon for marker strips



Description		Item No.
Ink ribbon for marker strips and WMB Inline	resin, 38 mm x 300 m	258-145
	resin, 50 mm x 300 m	258-149
Ink ribbon for cable marking	76 mm wide x 300 m	258-150
	100 mm wide x 300 m	258-157
Ink ribbon for labels	resin/wax, width 60 mm x 300 m	258-143
	resin/wax, width 100 mm x 300 m	258-144

All ink ribbons are suitable for TP 298 and TP 343 printers. For detailed ordering information, please refer to the "Application table for ink ribbon/markings accessories/printer"

External coil mounting system

Cutter TP 298

Spare roller TP 298



Description		Item No.
External coil mounting system	for 8,000 WMB Inline markers (2009-135)	258-169
Cutter TP 298		258-161
Spare roller TP 298 for labels	(up to device series no. 40,000)	258-162
Spare roller TP 298 for labels	(from device series no. 40,000)	258-177
Spare roller TP 298 for WMB Inline	(device series no. 40,000)	258-166
Spare roller TP 298 for WMB Inline	(from device series no. 40,000)	258-178
Carrying case for TP 298		258-171
Carrying case for TP 343		258-342
Retractable handle for carrying case TP 298 / TP 343		258-173

WMB Inline

Marking strips



Description		Item No.
WMB Inline, pitch 4 mm, stretchable, 4 mm ... 4.2 mm, on roll	white, 2,000 markers	2009-114
WMB Inline, pitch 5 mm, stretchable, 5 mm ... 5.2 mm, on reel	white, 1,500 markers	2009-115
WMB Inline, pitch 5 mm, stretchable, 5 mm ... 5.2 mm, on reel	white, 8,000 markers	2009-135
Marking strips for TOPJOB®S Series, white, plain, 11 mm wide	50 m coil	2009-110
Marking strips for 870, 869, 862, 270 Series	50 m coil	709-178
white, plain, 7.5 mm wide		
Marking strips for 870, 869, 862, 270 Series,	50 m coil	709-177
transparent, plain, 7.5 mm wide		

Marker card



Marker card (12 mm) for plotters



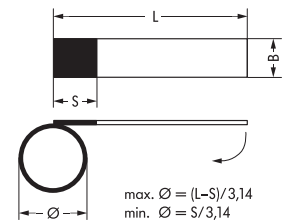
Labels on roll



Labels on DIN A4 sheets



Dimensions of self-laminating label



Description		Item No.
Marker card for thermal transfer printer	12 mm	211-121
	23 mm	211-111
Marker card for TT Printer (258-370 carrier plates are required for plotting)	12 mm	211-120
	23 mm	211-110
Cable tie marker	25 x 10 mm, white, 3,500 pieces per roll	211-135
Labels on roll for thermal transfer printer	Marker surface: "S"=8 mm, "B"=18 mm, "L"=35 mm for max. 9 mm cable Ø, 9,000 labels per roll	211-155
	Marker surface: "S"=13 mm, "B"=23 mm, "L"=51 mm for max. 12 mm cable Ø, 5,000 labels per roll	211-156
Wire marker for thread-on mounting	for 0.75 - 1.5 mm <sup>2</sup> , 2,000 markers per roll	211-161
	for 2.5 - 6 mm <sup>2</sup> , 2,000 markers per roll	211-162
Labels on DIN A4 sheets for laser printer (258-383 carrier plates are required for plotting)	Marker surface: "S"=9 mm, "B"=17 mm, "L"=35 mm for max. 8 mm cable Ø, 70 labels per roll	211-150
	Marker surface: "S"=13 mm, "B"=21 mm, "L"=56 mm for max. 14 mm cable Ø, 32 labels per roll	211-151
Marking sleeve 12 mm, for wire Ø	1.6 mm ... 3.2 mm or 0.25 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>	211-112
	2.2 mm ... 4.5 mm or 0.5 mm <sup>2</sup> ... 4 mm <sup>2</sup>	211-113
	3.7 mm ... 5.9 mm or 2.5 mm <sup>2</sup> ... 6 mm <sup>2</sup>	211-114
	4.8 mm ... 7.5 mm or 6 mm <sup>2</sup> ... 16 mm <sup>2</sup>	211-115
Marking sleeve 23 mm, for wire Ø	1.6 mm ... 3.2 mm or 0.25 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>	211-122
	2.2 mm ... 4.5 mm or 0.5 mm <sup>2</sup> ... 4 mm <sup>2</sup>	211-123
	3.7 mm ... 5.9 mm or 2.5 mm <sup>2</sup> ... 6 mm <sup>2</sup>	211-124
	4.8 mm ... 7.5 mm or 6 mm <sup>2</sup> ... 16 mm <sup>2</sup>	211-125
Marking sleeve for cable tie	23 mm, for 10 mm <sup>2</sup> wires and larger	211-129
Cable tie (2.5 x 100) mm		807-090/101-100
Label for I/O marking (258-371 carrier plates are required for plotting)	Plotter, 12 x 7 mm	211-211
Marking strips	15 mm, white 50 m roll	210-701
Receptacle for marking strips	transp. 1 m long	709-120
Carrier through element	adjustable in height	709-118
Carrier end element	adjustable in height	709-119
Continuous label	3 mm, white 12 lengths at 25 m	210-732
Label roll	70 x 100 mm, white 500 labels/reel	210-703
	70 x 100 mm, silver 500 labels/reel	210-704
	6 x 15 mm, white 3000 labels/reel	210-705
	6 x 15 mm, yellow 3000 labels/reel	210-705/000-002
	9 x 15 mm, white 3000 labels/reel	210-706
	9 x 15 mm, yellow 3000 labels/reel	210-706/000-002
	8 x 20 mm, white 3000 labels/reel	210-707
	8 x 20 mm, yellow 3000 labels/reel	210-707/000-002
	9.5 x 25 mm, white 3000 labels/reel	210-708
	35 x 5 mm, white, 4,000 labels/roll	210-710

More labels at [www.marschall-pw.de](http://www.marschall-pw.de)