

ZEBRA PRINTERS



LP 2824 S

SINEL reference **48105**

Desktop printer with plastic case and series port, reduced size. Remarkable ease in replacing label roll. Ideal for limited spaces and small-scale production. Most common applications are in the weighing scales sector or in offices for mail shots or inventories.

Also available:

Zebra LP 2824 P with parallel communication port

SINEL reference **47933**



Technology:	Direct thermal
Printing width:	10 a 54 mm
Resolution:	200 dpi
Speed:	88 mm/sec.
Production:	Up to 300 labels/day
Connection:	Series port



TLP 2824 S

SINEL reference **48500**

The 2824 range has been expanded with thermal transfer versions with the same advantages as the LP version. Great ease in replacing label roll. Ideal for limited spaces and small-scale production.

Also available:

Zebra TLP 2824 P with parallel communication port

SINEL reference **48501**



Technology:	Thermal transfer or direct thermal
Printing width:	10 a 54 mm
Resolution:	200 dpi
Speed:	89 mm/sec.
Production:	Up to 300 labels/day
Connection:	Series port



TLP 2844

SINEL reference **48107**

New generation of thermal transfer Zebra 2844 printers, great ease in replacing label roll. ABS plastic case, rugged and suitable for limited spaces. The printer has USB and parallel port, transmission gauge and Windows driver as standard features. Suitable for logistics and clinical sectors.

Also available:

Zebra LP 2844 Direct thermal printing

SINEL reference **48106**

Technology:	Thermal transfer or direct thermal
Printing width:	10 a 102 mm
Resolution:	200 dpi
Speed:	102 mm/sec.
Production:	Up to 300 labels/day
Connection:	Series, parallel, and USB port



See page 45 for ZEBRA printer **accessories**, pages 46 to 48 for **ribbons**, and page 49 for our **recommended labels** for these machines



TLP 2844 Z

SINEL reference **48508**

Line of 28XX printers is supplemented with the new Z versions with ZPL language. Rugged construction and ABS plastic case, ideal for limited spaces. Suitable for logistics sector, clinics and offices.

Also available:

Zebra LP 2844 Z Direct thermal printing SINEL

SINEL reference **48473**

Versions with internal network connection:

Zebra LP 2844 Z with ethernet

SINEL reference **48502**

Zebra TLP 2844 Z with ethernet

SINEL reference **48503**

Zebra R 2844 **RFID-HF tag engraver**

SINEL reference **please consult**

Technology:	Thermal transfer or direct thermal
Printing width:	10 a 102 mm
Resolution:	200 dpi
Speed:	102 mm/sec.
Production:	Up to 300 labels/day
Connection:	Series, parallel, and USB port



NEW



TLP3842

SINEL reference **48504**



OPEN ACCESS desktop printer with 300 dpi resolution. These features permit high-quality printing at a very low cost.

Suitable for logistics sector, mail shots and inventories.

Also available:

Zebra TLP 3844 Z

SINEL reference **49051**

Technology:	Thermal transfer or direct thermal
Printing width:	12 a 102 mm
Resolution:	300 dpi
Speed:	51 mm/sec.
Production:	500 a 1.000 labels/day.
Connection:	Series, parallel, and USB port



HT146

SINEL reference **47070**

Semi-industrial printer with plastic case. Its futuristic design gives it a pleasing appearance and excellent performance. Suitable for medium-scale production of labels. Highly suitable for logistics sector, light industrial environments and hospitals.

Technology:	Thermal transfer or direct thermal
Printing width:	12 a 104 mm
Resolution:	200 dpi
Speed:	152 mm/sec.
Production:	Up to 1.500 labels/day.
Connection:	Series, parallel, and USB port



DISCONTINUED



Stripe S600

SINEL reference **47706**

Low-priced light printer for industrial use with highly resistant plastic case. Suitable for medium-scale production of labels. Applications in logistics sector, light industrial environments and hospitals.

Technology:	Thermal transfer or direct thermal
Printing width:	12 a 104 mm
Resolution:	200 dpi
Speed:	150 mm/sec.
Production:	Up to 2.000 labels/day
Connection:	Series and parallel port

See page 45 for ZEBRA printer **accessories**, pages 46 to 48 for **ribbons**, and page 49 for our **recommended labels** for these machines



Z4M+ 200dpi
Z4M+ 300dpi

SINEL reference **48648**
SINEL reference **48649**

Rugged printer for industrial use with metal case and highly versatile connection. Cost effective and performance in its category. Suitable for logistics and industrial sectors, and for tough environments and large-scale production of labels.

Also available:

Zebra R4M+ RFID-UHF tag engraver SINEL

Referencia SINEL **please consult**

Technology:	Thermal transfer or direct thermal
Printing width:	12 a 108 mm
Resolution:	200/300 dpi
Speed:	254 mm/sec.
Production:	Up to 10.000 labels/day
Connection:	Series and parallel port

NEW



RFID

WiFi



NEW



Z6M+ 200dpi
Z6M+ 300dpi

SINEL reference **48650**
SINEL reference **48651**

Rugged printer with metal case designed for industrial environments with versatile easy connection. Highly suitable for chemical factories, warehouses (pallet labelling) and tough production environments.

Technology:	Thermal transfer or direct thermal
Printing width:	12 a 168 mm
Resolution:	200/300 dpi
Speed:	254/152 mm/sec.
Production:	Up to 10.000 labels/day
Connection:	Series and parallel port
Standard:	Display

WiFi



105 SL 200dpi
105 SL 300dpi

SINEL reference **47705**
SINEL reference **47758**

Printer for industrial use with metal case, ideal for large-scale production of labels, maximum durability and reliability. Suitable for production assembly lines, logistics sector and department stores.

Technology:	Thermal transfer or direct thermal
Printing width:	12 a 104 mm
Resolution:	200/300 dpi
Speed:	203 mm/sec.
Production:	Up to 10.000 labels/day
Connection:	Parallel and series port. WiFi optional
Standard:	Transmission sensor. Reflexive sensor optional



WiFi



110XIII Plus 200 dpi
110XIII Plus 300 dpi

SINEL reference **48351**
SINEL reference **48489**

This model replaces the 90XIII series. Though it has the same structure, it has new performance features. It has a new high-quality system of printing which gives the print head a longer life. Its metal structure and accessories make it one of the most complete for industrial use.

Technology:	Thermal transfer or direct thermal
Printing width:	12 a 100 mm
Resolution:	300 dpi
Speed:	200 mm/sec.
Production:	24 h/día
Connection:	Series, parallel, and USB port

WiFi



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110XiIII Plus 600 dpi

SINEL reference **48507**

The only printer for industrial use with 600dpi resolution. This model can print high-resolution text, graphics and bar codes. Suitable for electronics and pharmaceutical sectors.

Technology:	Thermal transfer or direct thermal
Printing width:	12 a 81 mm
Resolution:	600 dpi
Speed:	51 mm/sec.
Production:	24 h/day
Connection:	Series, parallel, and USB port



140XiIII Plus

SINEL reference **47857**

High-performance within the XiIII range Zebra models. Metal case. Designed for high-volume reliable production of labels in heavy duty environments. Suitable for industrial use for labels more than 100 mm wide. The RFID version is ideal for labelling at point of origin.

Also available:
Zebra R140 RFID **RFID-HF tag engraver**

SINEL reference **47859**

Technology:	Thermal transfer or direct thermal
Printing width:	50 a 140 mm
Resolution:	200 dpi
Speed:	305 mm/sec.
Production:	24 h/day
Connection:	Parallel and series port. WiFi optional
Standard:	PCMCIA slot • Label counter • Internal clock



170XiIII Plus

SINEL reference **47871**

Zebra 170XiIII meets printing needs of up to 167mm with high quality and speed. Designed for the chemical industry, logistics sector, pallet identification, etc.

Technology:	Thermal transfer or direct thermal
Printing width:	25 a 167 mm
Resolution:	300 dpi
Speed:	200 mm/sec.
Production:	24 h/day
Connection:	Parallel and series port. WiFi optional
Standard:	PCMCIA slot • Label counter • Internal clock



220XiIII Plus

SINEL reference **47872**

Zebra 220XiIII is the model with the greatest printing width. Ideal for high-speed printing. Thanks to its 32-bit microprocessor, it is capable of receiving labelling data while printing other. Meets high-quality and high-speed printing requirements of up to 216 mm. Simple installation and configuration. Suitable for the chemical and automotive sectors.

Technology:	Thermal transfer or direct thermal
Printing width:	25 a 216 mm
Resolution:	200 dpi
Speed:	254 mm/sec.
Production:	24 h/day
Connection:	Parallel and series port. WiFi optional
Standard:	PCMCIA slot • Label counter • Internal clock



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ZEBRA mobile printers



PT400

SINEL reference **48109**

Mobile thermal transfer printer with ABS and polycarbon plastic case. Water-resistant and can withstand 1.2-metre-high drops. Very light (1.5 kg.) High performance 8-hr working time battery. Most usual applications are shelf-labelling, price-labelling and printing of documents for vehicle fleets.

Also available:

Zebra PA 400 Direct thermal printer

SINEL reference **48108**

Technology:	Thermal transfer or direct thermal
Printing width:	25 to 109 mm
Resolution:	200 dpi
Speed:	50 mm/sec.
Production:	Up to 300 labels/day
Connection:	Series port or Irda
Standard:	Transmission / reflexive sensor

DISCONTINUED



NEW



RW 420

SINEL reference **49505**

The Road Warrior has a robust structure which can resist knocks or for working in aggressive environments, it allows the connection module to be changed without the need to change the printer. It is ideal for printing receipts and invoices autonomously and its design makes it appropriate for fleet management. It has accessories to have it installed in lorries or vans.

Technology:	Direct thermal
Printing width:	23 a 104 mm
Resolution:	200 dpi
Speed:	76 mm/sec.
Production:	Up to 500 labels/day
Connection:	Series port, optional Bluetooth or WiFi



Series BT

SINEL reference **47999**

Mobile printer incorporating the latest technology in materials and connectivity. It incorporates self-centring of labels, as well as a display. Light weight (less than 1 kg). Available connection options: Irda.. Bluetooth and Radio frequency. The connection module is changed without changing the printer. Appropriate for applications of car rental, transport tickets, shelf labelling, price marking and printing of documents for fleets.

Consult for other versions of Zebra QL.

Technology:	Direct thermal
Printing width:	30 a 72 mm
Resolution:	200 dpi
Speed:	101 mm/sec.
Production:	Up to 500 labels/day.
Connection:	Irda or Bluetooth or WiFi
Standard:	Display



WiFi

Bluetooth®

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ZEBRALINK technology

Zebralink permits the management of printers by Internet using an address previously assigned to the printer.

Most Zebra printer models from desktop to mid-range and high-performance are equipped with Zebralink for maximum advantages and cost savings.



Zebralink **ALERT**

Gives an immediate warning on aspects that require your attention so that they can be promptly solved wherever you are.

Zebralink **WEBVIEW**

Allows the control and monitoring of printers in any place at any time.

Zebralink **ZBI**

Allows the integration of an existing or a stand-by application into a Zebra printer without costly programming.

Zebralink is the revolutionary solution for connecting restraints and real time control of Zebra printers.

ZEBRA printer accessories

SINEL reference	ACCESSORIES	28 Series	28 Z Series	Stripe 600	R402	Z4M+	Z6M+	105SL	110XIII+	140XIII+	170XIII+	220XIII+	R140XIII+	QL Series	Cameo Series
47863	Rotary cutter module				•			•							
47867	Cutter module										•				
47866	Rotary cutter module										•				
47870	Cutter module											•			
47869	Rotary cutter module											•			
consult	Additional 8 Mb SIMM memory												•		
consult	Label counter module												•		
47769	In/out module with internal clock												•		
consult	Rotary cutter module								•						
consult	Detacher module								•						
consult	In/out module							•	•	•	•	•	•		
consult	Zebranet RF wireless internal card socket, with external Zebranet Printserver II							•	•	•	•	•	•		
consult	Zebranet RF wireless internal card socket, with internal Zebranet Printserver II							•	•	•	•	•	•		
47726	Wireless Zebranet internal card socket, without external Zebranet Printserver II							•	•	•	•	•	•		
47759	Zebranet internal Printserver							•	•	•	•	•	•		
47729	Zebranet external Printserver	•	•	•	•	•	•	•	•	•	•	•	•		
48280	8Mb flash							•	•	•	•	•	•		
48681	Wireless Cisco PCMCIA card				•	•	•	•	•	•	•	•	•	•	
47735	Additional 8Mb flash memory with internal clock			•											
47765	Detacher module							•							
47766	Internal rewinder							•							
47763	Black mark sensor							•							
consult	Kit Z4M to switch from 200 to 300 dpi.					•									
47748	Detached cutter module					•									
consult	Module with internal rewinder					•									
consult	Additional 8Mb flash memory PCMCIA slot module					•	•								
consult	Kit Z6M for shifting from 200 to 300 dpi.						•								
47753	Cutter module						•								
consult	Detacher with internal rewinder module						•								
48280	Additional 8 Mb SIMM memory					•	•								
consult	External rewinder	•	•	•	•	•	•	•	•	•	•	•	•		
47952	Keyboard with display (only for printers with series port)	•	•	•	•	•	•	•	•	•	•	•	•		
consult	Battery recharger Cameo™ 2														•
consult	Battery recharger Cameo™ 3														•
48027	Battery recharger UCN72														•
consult	Lithium battery QL 320													•	
48645	Lithium battery QL 420													•	
48005	Fast QL x 20 Lithium battery recharger													•	
49053	Zebranet internal Printserver 10/100 (sup. vers. V60.13.X)							•	•	•	•	•	•		
49054	Zebranet internal Printserver 10/100 (sup. vers. V60.13.X)	•	•	•	•	•	•	•	•	•	•	•	•		
49055	Zebranet Wireless Printserver XIII+ (sup. vers. V60.13.X)								•	•	•	•	•		
49056	Zebranet Wireless Printserver 105SL+ (sup. vers. V60.13.X)							•							
consult	Adjustable transmissive sensor kit					•									
49057	Zebranet Wireless Printserver Z4M+/Z6M+(sup. vers. V60.13.X)					•	•								

ZEBRA RIBBON

Why do we recommend the use of original ribbon?

1. Better performance and printing quality.

ZEBRA ribbons have been manufactured to work in perfect conditions with the entire range of printers and the different printing techniques used. Using original **ZEBRA** ribbons we improve the printing quality and extend the life of the print head.

2. Wide range of ribbons.

The wide range of ribbons is the result of years of research and development. Each type offers its own printing characteristics, depending on the application for which it is used.

3. Availability of numerous measurements.

The numerous existing measurements permit the right choice and significant savings, as only the needed ribbon is used.



SAVE MONEY USING ORIGINAL RIBBON

5095 High-quality black/resin ribbon

SINEL reference	Width in mm	Lenght in metres	Rolls per box	mobile	Desktop printers		Industrial printers						High-production printers							
				PT400	Ht 146	TLP 2844	Z4000/Z4M	Z6000/Z6M	S300	S400	S500	S600	105S	160S	90Xi/96xi	140Xi	170Xi	220Xi	pax110	pax170
47843	40	450	12				•	•	•	•	•	•	•	•	•	•	•	•	•	•
47846	60	450	6				•	•	•	•	•	•	•	•	•	•	•	•	•	•
47847	64	91	6																	
47848	83	450	6				•	•	•	•	•	•	•	•	•	•	•	•	•	•
47849	84	91	6																	
47850	89	450	6				•	•	•	•	•	•	•	•	•	•	•	•	•	•
47851	110	91	6																	
47852	110	450	12				•	•	•	•	•	•	•	•	•	•	•	•	•	•
47853	131	450	6																	
47854	154	450	6																	
47855	174	450	6																	
47856	220	450	6																	

4800 High-resistance standard black



ribbon

SINEL reference	Width in mm	Lenght in metres	Rolls per box	mobile		Desktop printers		Industrial printers						High-production printers											
				PT400	Ht 146	TLP 2844	Z4000/Z4M	Z6000/Z6M	S300	S400	S500	S600	105S	160S	90Xi/96xi	140Xi	170Xi	220Xi	pax110	pax170					
47835	40	450	6																						
47836	60	450	6																						
47837	80	450	6																						
47838	89	450	6																						
47839	110	450	6																						
47840	131	450	6																						
47841	156	450	6																						
47842	174	450	6																						

3400 Standard black wax/resin



ribbon

SINEL reference	Width in mm	Lenght in metres	Rolls per box	mobile		Desktop printers		Industrial printers						High-production printers											
				PT400	Ht 146	TLP 2844	Z4000/Z4M	Z6000/Z6M	S300	S400	S500	S600	105S	160S	90Xi/96xi	140Xi	170Xi	220Xi	pax110	pax170					
48615	40	450	6	•																					
48616	60	450	6																						
48617	83	450	6																						
48618	89	450	6																						
48619	102	450	6																						
48620	110	450	6																						
48621	131	450	6																						
48622	156	450	6																						
48623	174	450	6																						
48624	220	450	6																						

3200 High-quality black wax/resin



ribbon

SINEL reference	Width in mm	Lenght in metres	Rolls per box	mobile		Desktop printers		Industrial printers						High-production printers											
				PT400	Ht 146	TLP 2844	Z4000/Z4M	Z6000/Z6M	S300	S400	S500	S600	105S	160S	90Xi/96xi	140Xi	170Xi	220Xi	pax110	pax170					
47824	40	450	6																						
47825	60	450	6																						
47826	80	450	6																						
47827	89	450	6																						
47828	102	450	6																						
47830	110	450	6																						
47831	131	450	6																						
47832	156	450	6																						
47833	174	450	6																						
47834	220	450	6																						

3200 Standard black wax ribbon

SINEL reference	Width in mm	Lenght in metres	Rolls per box	mobile	Desktop printers		Industrial printers						High-production printers							
				PT400	Ht 146	TLP 2844	Z4000/Z4M	Z6000/Z6M	S300	S400	S500	S600	105S	160S	90Xi/96xi	140Xi	170Xi	220Xi	pax110	pax170
47799	40	450	12				•	•	•	•	•	•	•	•	•	•	•	•	•	•
47801	60	450	12				•	•	•	•	•	•	•	•	•	•	•	•	•	•
47803	83	450	12				•	•	•	•	•	•	•	•	•	•	•	•	•	•
47806	89	450	12				•	•	•	•	•	•	•	•	•	•	•	•	•	•
47808	110	450	12				•	•	•	•	•	•	•	•	•	•	•	•	•	•
47809	131	450	12				•	•	•	•	•	•	•	•	•	•	•	•	•	•
47810	156	450	12				•	•	•	•	•	•	•	•	•	•	•	•	•	•
47811	170	450	12				•	•	•	•	•	•	•	•	•	•	•	•	•	•
47812	220	450	12				•	•	•	•	•	•	•	•	•	•	•	•	•	•
47802	64	91	36																	
47805	84	91	36																	
47807	110	91	36																	
48126	64	74	36			•														
48127	84	74	36			•														
48128	110	74	36			•														
48156	64	362	12																	
48163	84	362	12																	
48164	110	362	12																	
48165	64	256	12		•															
48166	110	256	12		•															
47813	110	900	6															•	•	•
47814	170	900	6																	•

2100 High-quality black wax ribbon

SINEL reference	Width in mm	Lenght in metres	Rolls per box	mobile	Desktop printers		Industrial printers						High-production printers							
				PT400	Ht 146	TLP 2844	Z4000/Z4M	Z6000/Z6M	S300	S400	S500	S600	105S	160S	90Xi/96xi	140Xi	170Xi	220Xi	pax110	pax170
47776	40	450	6				•	•	•	•	•	•	•	•	•	•	•	•	•	•
47777	60	450	6				•	•	•	•	•	•	•	•	•	•	•	•	•	•
47779	64	91	6	•																
47784	80	450	6				•	•	•	•	•	•	•	•	•	•	•	•	•	•
47785	84	91	6	•																
47786	89	450	6				•	•	•	•	•	•	•	•	•	•	•	•	•	•
47789	102	450	6				•	•	•	•	•	•	•	•	•	•	•	•	•	•
47790	110	91	6	•																
47791	106	450	6				•	•	•	•	•	•	•	•	•	•	•	•	•	•
47792	110	450	6				•	•	•	•	•	•	•	•	•	•	•	•	•	•
47793	131	450	6				•	•	•	•	•	•	•	•	•	•	•	•	•	•
47794	156	450	6				•	•	•	•	•	•	•	•	•	•	•	•	•	•
47795	174	450	6				•	•	•	•	•	•	•	•	•	•	•	•	•	•
47796	220	450	6																	•

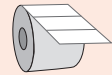
Recommended labels for ZEBRA printers

SINEL SYSTEMS, the largest manufacturer of self-adhesive labels in Spain, offers the complete range of labels for thermal transfer and direct thermal printers, made from specially selected materials to obtain **optimum printing quality** and **longer duration of the print heads**.

SINEL SYSTEMS offers a **48/72 hour service**

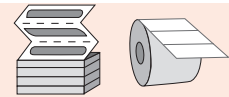
If you require labels in different formats or materials ask for a **no compromise estimate** by calling Tel: 93 7452172, by fax on 93 7452119 or through our website www.sinel.com 24 hours a day, where you can find all of the solutions we offer.

Direct thermal labels



SINEL reference	Width in mm	Lenght in mm	TLP 2824 Series	TLP 2844 Series	HT146	S600	110 Xill+ 600dpi	Z4M+	105SL	110Xill+	140Xill+	R140	Z6M+	170Xill+	220Xill+	PAX 110	PAX170
19070	40,0	25,0			•	•	•	•	•	•						•	
19071	40,0	30,0			•	•	•	•	•	•						•	
19139	50,0	25,0			•	•	•	•	•	•						•	
19135	85,0	50,0		•	•	•	•	•	•	•	•	•	•	•	•	•	•
19072	98,6	98,6			•	•	•	•	•	•	•	•	•	•	•	•	•
19073	100,0	50,0			•	•	•	•	•	•	•	•	•	•	•	•	•
19133	100,0	100,0		•	•	•	•	•	•	•	•	•	•	•	•	•	•

Thermal transfer labels



SINEL reference	Width in mm	Lenght in mm	Presentation	TLP 2824 Series	TLP 2844 Series	HT146	S600	110 Xill+ 600dpi	Z4M+	105SL	110Xill+	140Xill+	R140	Z6M+	170Xill+	220Xill+	PAX 110	PAX170
19067	40,0	25,0	Roll	•	•	•	•	•	•	•	•						•	
19074	40,0	25,0	Roll			•	•	•	•	•	•						•	
19075	40,0	30,0	Roll			•	•	•	•	•	•						•	
19084	40,0	40,0	Roll			•	•	•	•	•	•						•	
19138	50,0	25,0	Roll			•	•	•	•	•	•	•	•	•	•	•	•	•
19085	50,0	50,0	Roll			•	•	•	•	•	•	•	•	•	•	•	•	•
19076	60,0	35,0	Roll			•	•	•	•	•	•	•	•	•	•	•	•	•
19077	70,0	30,0	Roll			•	•	•	•	•	•	•	•	•	•	•	•	•
19086	70,0	52,0	Roll			•	•	•	•	•	•	•	•	•	•	•	•	•
20047	71,0	72,0	Zig-zag		•	•	•	•	•	•	•	•	•	•	•	•	•	•
19078	80,0	30,0	Roll			•	•	•	•	•	•	•	•	•	•	•	•	•
19087	80,0	40,0	Roll			•	•	•	•	•	•	•	•	•	•	•	•	•
19134	85,0	50,0	Roll		•	•	•	•	•	•	•	•	•	•	•	•	•	•
19079	85,0	81,5	Roll			•	•	•	•	•	•	•	•	•	•	•	•	•
19080	89,0	36,0	Roll			•	•	•	•	•	•	•	•	•	•	•	•	•
19081	98,6	98,6	Roll			•	•	•	•	•	•	•	•	•	•	•	•	•
19051	99,6	99,5	Zig-zag		•	•	•	•	•	•	•	•	•	•	•	•	•	•
19068	100,0	36,0	Roll		•	•	•	•	•	•	•	•	•	•	•	•	•	•
19088	100,0	50,0	Roll			•	•	•	•	•	•	•	•	•	•	•	•	•
19141	100,0	100,0	Roll		•	•	•	•	•	•	•	•	•	•	•	•	•	•
19136	100,0	150,0	Roll			•	•	•	•	•	•	•	•	•	•	•	•	•
19137	100,0	150,0	Roll			•	•	•	•	•	•	•	•	•	•	•	•	•
20026	101,6	48,7	Zig-zag		•	•	•	•	•	•	•	•	•	•	•	•	•	•
22152	101,6	48,7	Zig-zag		•	•	•	•	•	•	•	•	•	•	•	•	•	•
22153	101,6	74,1	Zig-zag		•	•	•	•	•	•	•	•	•	•	•	•	•	•
19061	104,0	74,1	Roll			•	•	•	•	•	•	•	•	•	•	•	•	•
19082	105,0	148,0	Roll			•	•	•	•	•	•	•	•	•	•	•	•	•
19052	105,0	149,2	Zig-zag		•	•	•	•	•	•	•	•	•	•	•	•	•	•
22155	105,0	149,2	Zig-zag		•	•	•	•	•	•	•	•	•	•	•	•	•	•
19140	105,0	210,0	Zig-zag		•	•	•	•	•	•	•	•	•	•	•	•	•	•
19053	135,0	99,5	Zig-zag			•	•	•	•	•	•	•	•	•	•	•	•	•
20022	135,0	99,5	Zig-zag			•	•	•	•	•	•	•	•	•	•	•	•	•
19054	148,0	210,0	Roll			•	•	•	•	•	•	•	•	•	•	•	•	•
19083	148,0	210,0	Roll			•	•	•	•	•	•	•	•	•	•	•	•	•
22157	209,5	147,8	Zig-zag			•	•	•	•	•	•	•	•	•	•	•	•	•
20044	209,5	147,8	Zig-zag			•	•	•	•	•	•	•	•	•	•	•	•	•