

EDI GUIDE

FLATFILE ORDERS



Who should read this document?

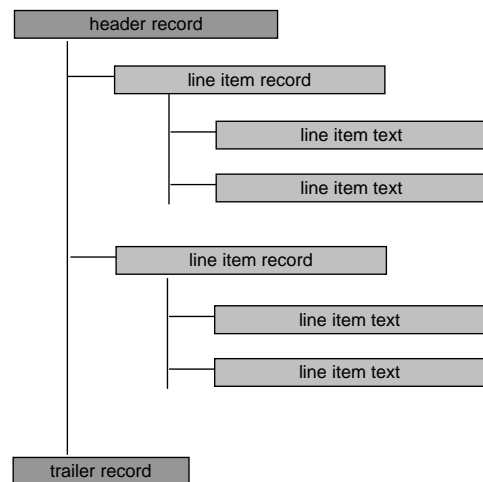
This document is for EDI-administrators who will implement these guidelines to be able to send FLATFILE - ORDERS orders to Bosch Rexroth AG.

Explanation of usage:

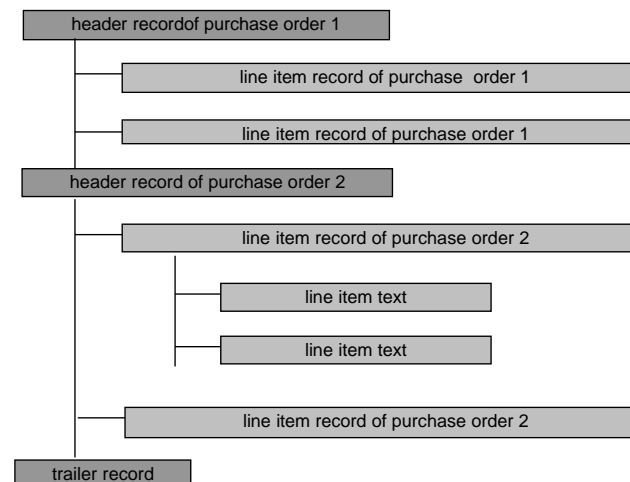
Each flatfile consists of a header, a line item and a trailer record. Each line item may contain several text line.

The file can contain more than one purchase order. The structure always begins with a header record followed by the line item records of the respective purchase order. At the end of each file there is a trailer record which contains the number of transmitted lines, excluding the trailer record.

Example with one purchase order and 2 line items:



Example with 2 orders and each 2 positions:



If you have questions to this guide, send an e-mail to: SupportSales.EDI@de.bosch.com

Header record

No.	Description	Example	Remark	Start	Length	End	Decimal	(R)required-(O)ptional	Data-Type
1. Purchase Order Header Information									
1	Qualifier "H" for header data	H		1	1	1		R	CHAR
2	Order Type	YSTD		2	4	5		O	CHAR
3	Sales Organization	ES10		6	4	9		O	CHAR
4	Distribution Channel	50		10	2	11		O	CHAR
5	Division	A2		12	2	13		O	CHAR
6	Sales Office	ES05		14	4	17		O	CHAR
7	Sold-to-Party	6032253		18	10	27		R	CHAR
8	Ship-to Party	6063331		28	10	37		R	CHAR
9	Ship-to address: partner name	Bosch Rexroth AG		38	35	72		R	CHAR
10	Ship-to address: street	Zum Eisengiesser 1		73	35	107		R	CHAR
11	Ship-to address: zip-code	97816		108	9	116		R	CHAR
12	Ship-to address: city	Lohr am Main		117	35	151		R	CHAR
13	Ship-to address: country (2-digit ISO-Code)	DE		152	2	153		R	CHAR
14	Purchase Order Number	4500215681		154	35	188		R	CHAR
15	Purchase Order Date	20030630		189	8	196		R	CHAR
16	Supplier number	17000001		197	10	206		R	CHAR
17	Order Currency	EUR		207	3	209		R	CHAR
18	Free Header Text Information (1)	Only complete delivery		210	70	279		O	CHAR
19	Free Header Text Information (2)	...		280	70	349		O	CHAR
20	Free Header Text Information (3)	...		350	70	419		O	CHAR
21	Free Header Text Information (4)	...		420	70	489		O	CHAR
22	Free Header Text Information (5)	...		490	70	559		O	CHAR
23	Full Delivery Indicator	X = full delivery required		560	1	560		O	CHAR
24	Shipping Instruction*	1		561	1	561		O	CHAR
25	Purchase Order Number of end-customer	45000001		562	35	596		O	CHAR
26	Ship-to address: add. information: partner name2	Department ABC		597	35	631		O	CHAR
27	Ship-to address: add. information: street2	Building 5		632	35	666		O	CHAR
28	Inco-Terms			667	5	671		O	CHAR
29	Inco-Terms long text			672	70	741		O	CHAR
30	Message Type	ORDERS		742	10	751		R	CHAR
31	Sales Order Number	1025846810		752	35	786		O	CHAR
31	Carriage Return Line Feed	"CRLF"		787	1	752		R	CHAR

*Shipping instructions to be used:

- 1 = seafreight
- 2 = train
- 3 = truck
- 4 = airfreight
- 5 = mail
- 9 = express

Line item record

No.	Description	Example	Remark	Start	Length	End	Decimal	(R)quired-(O)ptional	Data-Type
2. Purchase Order Line item information									
1	Qualifier "L" for line item data	L		1	1	1		R	CHAR
2	Purchase Order Number	4500215681		2	35	36		R	CHAR
3	Line item number	000010		37	6	42		R	CHAR
4	Material number	R900310277		43	18	60		R	CHAR
5	Material Description	VALVE		61	40	100		R	CHAR
6	Order Quantity	2.000		101	15	115	3	R	CHAR
7	Unit of Measure	PCE		116	3	118		R	CHAR
8	Requested delivery date customer	20030714		119	8	126		R	CHAR
9	Price (net)	50.00		127	11	137	2	R	CURR
10	Price Unit	1		138	5	142		R	CHAR
11	Item value (net)	100.00		143	15	157	2	R	CHAR
12	Higher level item		indication of sub-line item (000010 if field #4 would be 000011)	158	6	163		O	CHAR
13	Pricing partner	6045673	only to be used group internal	164	10	173		O	CHAR
14	Material number of end-customer/goods recipient	12345689		174	18	191		O	CHAR
15	Material number of customer	987654321		192	18	209		O	CHAR
16	Ship-to Party	6063331		210	10	219		O	CHAR
17	Ship-to address: partner name	Bosch Rexroth AG		220	35	254		O	CHAR
18	Ship-to address: street	Zum Eisengiesser 1		255	35	289		O	CHAR
19	Ship-to address: zip-code	97816		290	9	298		O	CHAR
20	Ship-to address: city	Lohr am Main		299	35	333		O	CHAR
21	Ship-to address: country (2-digit ISO-Code)	DE		334	2	335		O	CHAR
22	Carriage Return Line Feed	"CRLF"		560	1	560		R	CHAR

Line item texts

No.	Description	Example	Remark	Start	Length	End	Decimal	(R)quired-(O)ptional	Data-Type
3. line item texts									
1	Qualifier "I" for line item text			1	1	1		R	CHAR
2	text id	001	different text blocks are separated by different text id's	2	4	5		R	CHAR
3	language iso-code	DE		6	2	7		O	CHAR
4	text line	some text...	empty lines from sender will be mapped, too	8	70	77		R	CHAR
5	Carriage Return Line Feed	"CRLF"		78	1	78		R	CHAR

Trailer record

No.	Description	Example	Remark	Start	Length	End	Decimal	(R)required-(O)ptional	Data-Type
4. Trailer record (for checking purposes)									
1	Qualifier "T" for Trailer	T		1	1	1		R	CHAR
2	Number of lines transmitted, excluding the trailer record	2		2	3	4		R	CHAR
3	Carriage Return Line Feed	"CRLF"		5	1	5		R	CHAR

- > all fields left assigned!
- > decimal separator is marked by a dot "."
- > no "thousand separator" (9500.00 is correct!)