



EDI GUIDE

FLATFILE INVOICE



Who should read this document?

This document is for EDI-administrators who will implement these guidelines to be able to receive FLATFILE - INVOICES from Bosch Rexroth AG.

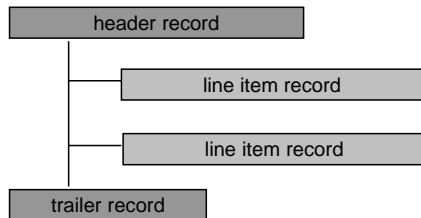
Explanation of usage:

Each flatfile consists of a header, a line item and a trailer record.

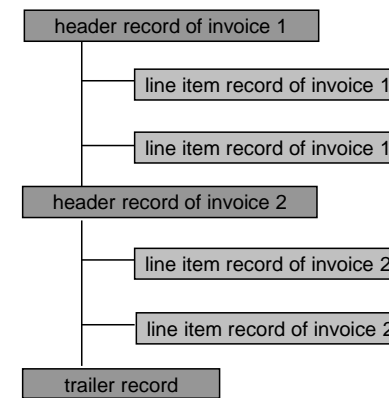
The file can contain more than one invoice. The structure always begins with a header record followed by the line item records of the respective invoice.

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 invoice and 2 line items:



Example with 2 invoices and 2 line items each:



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. Invoice Header Information									
1	Qualifier "H" for header data	H		1	1	1		R	CHAR
2	Sold-to-Party	6032253		2	10	11		R	CHAR
3	Bill-to-Party	6063331		12	10	21		R	CHAR
4	Bill-to address: partner name	Bosch Rexroth AG		22	35	56		R	CHAR
5	Bill-to address: street	Zum Eisengiesser 1		57	35	91		R	CHAR
6	Bill-to address: zip-code	97816		92	9	100		R	CHAR
7	Bill-to address: city	Lohr am Main		101	35	135		R	CHAR
8	Bill-to address: country (2-digit ISO-Code)	DE		136	2	137		R	CHAR
9	Invoice number	4500215681		138	35	172		R	CHAR
10	Invoice date	20031022		173	8	180		R	CHAR
11	Freight costs	5.00		181	15	195	2	R	CHAR
12	Packing costs	7.00		196	15	210	2	R	CHAR
13	Tax amount	215.42		211	15	225	2	R	CHAR
14	Total invoice amount	1358.40		226	15	240	2	R	CHAR
15	Delivery Note Number	1000148588		241	35	275		O	CHAR
16	Delivery Date	20031022		276	8	283		O	CHAR
17	Supplier	17000001		284	10	293		R	CHAR
18	Tax rate	16.00		294	5	298	2	R	CHAR
19	Currency	EUR		299	3	301		R	CHAR
20	Sales tax identification number Supplier	DE12345678		302	20	321		O	CHAR
21	Sales tax identification number Bill-to-Party	DE98765432		322	20	341		O	CHAR
22	Free Header Text Information (1)	...		342	70	411		O	CHAR
23	Free Header Text Information (2)	...		412	70	481		O	CHAR
24	Free Header Text Information (3)	...		482	70	551		O	CHAR
25	Free Header Text Information (4)	...		552	70	621		O	CHAR
26	Free Header Text Information (5)	...		622	70	691		O	CHAR
27	Discount	5.00		692	15	706	2	O	CHAR
28	accounting document	5512345678		707	10	716		O	CHAR
29	credit note	X	if this field is marked the document is a credit note	717	1	717		O	CHAR
30	returnable packaging	15.00		718	15	732	2	O	CHAR
31	miscellaneous costs	17.35		733	15	747	2	O	CHAR
32	Message Type	INVOIC		748	10	757	2	R	CHAR
33	Carriage Return Line Feed	"CRLF"		758	1	758		R	CHAR

Line item record

No.	Description	Example	Remark	Start	Length	End	Decimal	(R)quired-(O)ptional	Data-Type
2. Invoice Line item information									
1	Qualifier "L" for line item data	L		1	1	1		R	CHAR
2	Line Item Number	00010		2	6	7		R	CHAR
3	Customer Purchase Order	4500215681		8	35	42		R	CHAR
4	Customer PO Line-Item Number	000010		43	6	48		R	CHAR
5	Delivery Note Number	1000148588		49	35	83		O	CHAR
6	Delivery Note Line-Item Number	00010		84	6	89		O	CHAR
7	Material Number	R900310277		90	18	107		R	CHAR
8	Material Description	pump		108	40	147		O	CHAR
9	Quantity	120.000		148	15	162	3	R	CHAR
10	Unit of Measure	PCE		163	3	165		O	CHAR
11	Price (net)	11.22		166	15	180	2	R	CHAR
12	Price Unit	1		181	5	185		R	CHAR
13	Item value (net)	1346.40		186	15	200	2	R	CHAR
14	Delivery Date	20031020		201	8	208		R	CHAR
15	Free Line Item Text Information (1)	free text		209	70	278		O	CHAR
16	Free Line Item Text Information (2)	...		279	70	348		O	CHAR
17	Free Line Item Text Information (3)	...		349	70	418		O	CHAR
18	Free Line Item Text Information (4)	...		419	70	488		O	CHAR
19	Free Line Item Text Information (5)	...		489	70	558		O	CHAR
20	Carriage Return Line Feed	"CRLF"		559	1	559		R	CHAR

Trailer record

No.	Description	Example	Remark	Start	Length	End	Decimal	(R)quired-(O)ptional	Data-Type
3. 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!)