



Rexroth
Bosch Group

EDI GUIDE

FLATFILE DESADV



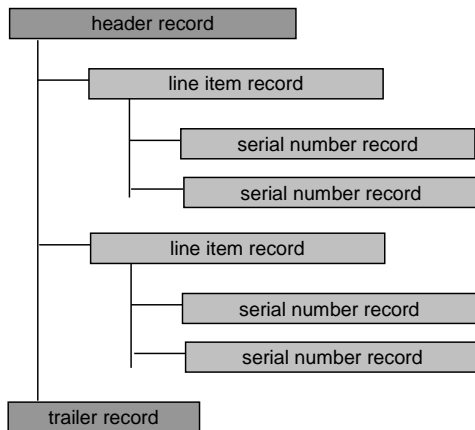
Who should read this document?

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

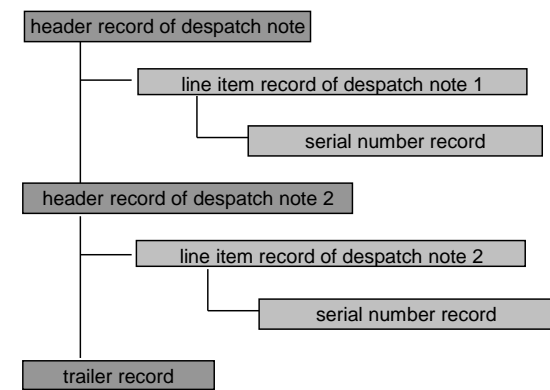
Explanation of usage:

Each flatfile consists of a header, a line item and a trailer record. Records with serial numbers are optional
The file can contain more than one despatch note. The structure always begins with a header record followed by the line item records of the respective despatch note.
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 despatch note and 2 line items:



Example with 2 despatch notes and 2 line items each:



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



Header record (M)

No.	Description	Example	Remark	Start	Length	End	Decimal	(R)quired-(O)ptional	Data-Type
1. Despatch Note Header Information									
1	Qualifier "H" for header data	H		1	1	1		R	CHAR
2	Buyer party	6032253		2	10	11		R	CHAR
3	Supplier	12260		12	10	21		R	CHAR
4	Ship-to-Party	6063331		22	10	31		O	CHAR
5	Ship-to address: partner name	Bosch Rexroth AG		32	35	66		O	CHAR
6	Ship-to address: street	Zum Eisengiesser 1		67	35	101		O	CHAR
7	Ship-to address: zip-code	97816		102	9	110		O	CHAR
8	Ship-to address: city	Lohr am Main		111	35	145		O	CHAR
9	Ship-to address: country (2-digit ISO-Code)	DE		146	2	147		O	CHAR
10	Carrier	6549875		148	10	157		O	CHAR
11	Delivery number	4500215681		158	35	192		R	CHAR
12	Delivery date	20031022		193	8	200		R	CHAR
13	Total net weight	5.00		201	15	215	2	O	CHAR
14	Total gross weight	7.00		216	15	230	2	O	CHAR
15	Measurement unit code	KGM		231	3	233		O	CHAR
16	Transport mode*	01		234	2	235		O	CHAR
17	Message Type	DESADV		236	10	245		R	CHAR
18	Carrier name	DHL		246	40	285		O	CHAR
19	Carriage Return Line Feed	"CRLF"		286	1	286		R	CHAR

*transport modes to be used:

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

Line item record (M)

No.	Description	Example	Remark	Start	Length	End	Decimal	(R)equi- (O)ptional	Data-Type
2. Despatch note line item information									
1	Qualifier "L" for line item data	L		1	1	1		R	CHAR
2	Line number of despatch note	00010		2	5	6		R	CHAR
3	Tracking number	5489432156498640000		7	35	41		O	CHAR
4	Customers material number	R91234568		42	18	59		R	CHAR
5	Suppliers material number	R91234568		60	18	77		O	CHAR
6	Material description	pump		78	40	117		O	CHAR
7	Unit net weight	5.00		118	15	132	2	O	CHAR
8	Unit gross weight	6.00		133	15	147	2	O	CHAR
9	Measurement unit code	KGM		148	3	150		O	CHAR
10	Delivered quantity	120.000		151	15	165	3	R	CHAR
11	Unit of measure	PCE		166	3	168		R	CHAR
12	Order number	45000125468		169	15	183		R	CHAR
13	Order line number	00010		184	5	188		R	CHAR
14	External Handling Unit Identification	1000000000001909971		189	20	208		O	CHAR
15	Suppliers material number of handling unit	1234567890		209	35	243		O	CHAR
16	Carriage Return Line Feed	"CRLF"		244	1	244		R	CHAR

Serial number record (O)

No.	Description	Example	Remark	Start	Length	End	Decimal	(R)equi- (O)ptional	Data-Type
3. Serial numbers - one record for each piece									
1	Qualifier "S" for line item data	S		1	1	1		R	CHAR
2	Serial number	1234567890		2	18	19		R	CHAR
3	Carriage Return Line Feed	"CRLF"		20	1	20		R	CHAR

Trailer record (M)

If you have	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!)