

# ISO 21308-5:2014-01 (E)

## Road vehicles - Product data exchange between chassis and body work manufacturers (BEP) - Part 5: Coding of loader crane bodywork

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Normative references .....	1
3	Terms and definitions .....	1
4	Coding principles .....	6
4.1	BEP codes of loader cranes .....	6
4.2	Units of BEP code values .....	7
4.3	References for measurements .....	8
5	Coding of geometrical data and space requirements .....	14
5.1	Mounting positions of crane and auxiliary stabilizers .....	14
5.2	Dimensional interfaces for connections to sub-frame and chassis .....	15
5.3	Crane base dimensions, stabilizers, and lower space requirements .....	17
5.4	Boom system dimensions and space requirements above mounting plane .....	26
5.5	Crane slewing space requirements .....	35
5.6	Auxiliary stabilizer dimensions .....	37
6	Coding of masses .....	41
6.1	Mass points in transport position .....	41
6.2	Masses with distances in working mode for stability calculations .....	43
7	Coding of forces and moments .....	45
8	Coding of general crane data .....	45
8.1	General crane data .....	45
8.2	Mechanical interfaces .....	46
8.3	Hydraulics equipment and interfaces .....	47
8.4	Electrical/electronic equipment and interfaces .....	48
8.5	Load lifting attachments .....	48
Bibliography .....		51