




Repubblica di San Marino
Autorità per l'Omologazione
Republic of San Marino
Authority for Homologation

Via Consiglio dei Sessanta, 99
47891 Dogana - Repubblica di San Marino

Comunicazione
Communication

	Concernente ^{2/} Concerning ^{2/}	Il rilascio dell'omologazione Approval granted L'estensione dell'omologazione Approval extended Il rifiuto dell'omologazione Approval refused La revoca dell'omologazione Approval withdrawn La cessazione definitiva della produzione Production definitively discontinued
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Of restraining devices for child occupants of power-driven vehicles, pursuant to UN Regulation No. 129

Omologazione N. Approval No.	E57*129R03/05*0010	Estensione N. Extension No.	00
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Marchio di omologazione Approval mark		129R - 030010
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|------|--|--|
| 1.1. | Forward-facing child restraint/ rearward-facing child restraint/lateral-facing child restraint ² | Forward-facing child restraint, 100-150cm |
| 1.2. | Integral /Non integral; ² | Non integral, 100-150cm |
| 1.3. | Belt type ² : | (Adult) three-point belt / (Adult) lap belt / Special type belt/retractor |
| 1.4. | Other features: | Chair assembly/ Impact shield ² |

2.	Trade name or mark	<p>HUMBI, Pick and Pay, Bambino, Infanti, Stylo, Juju, SWISS ARMOR, Neway, Lionelo, BANEEN, ROMER, COSCO, RH for kids only, Bebesit, Whoop, Kiddy, Chipolino, Little one, Prinsel, Lionelo, Halfords Essentials, Halfords, Mothercare, BabyStart, Bruin, Bounce, Pampero, Little King, ELEMED, Lorelli, Disney, Prinsel, Rawlink, Summer baby, Neb: o, Dora, Hello kitty, Ningja Turtle, Paw patrol, Spider man, Star wars, Sparco corsa, SPARCO(F100K), SPARCO KIDS(F100K), Car Comfort, Smiki, More, SPONGEBOB, GARFIELD, Babyauto, Kind Comfort, Vivitta, BQS, Baby Quality Safe, 5dot, OMP Pro kids, Babybus, Babypack, Babygab, Autozone, Autoreisen, Cicar, Galzerano, Iobimbo, Midas, Shears, Unit, Bbest, Motortown, Eurobaby, Kiduku, ricokids, Kikka boo, Eurobaby, Safety 1st, Happy way, meemee, BABY 1st, BLG, Mee, babyhug, m minimondo, Little Me, Bebesafe, Safeway, ZOALFER, U-grow, S.A., mscrr BEBEFIX, Hazlo, PRIORI, Juniors, BABY STYLE, STAR BABY, Kidscool, fisher-price, Chelino, MOBI BABY, OUSA/欧萨, 超级盾, Chaojidun, 智慧神童, 智慧神童 ZHST, bbqool, bene baby, king baby, mega baby, Bébéconfort, Babidéa, Baby relax, Monbébé, Harmony, Secure, Bounce, Lova, Boni, Babies R Us, Moon, Giggies, Junior, Miya Baby, Kiddo, bebeglo, love, Bran-New, KEENZ, JOYCARE, Daliya, bium, kika, Gifted baby, Optimal baby go, XOMAX, dreams, funnysmile, SPECTRUM, nowybaby, babylife, NULABABY, L'enfant, Royce, JOLLYKIDS, Baby plus, FIN BABIES PLUS, PMB, AVANTI, KidzBerg, LuvLap, Zicuro, BabySmile, Fico, SAFEWAY, Kikkaboo, Babysafe, karikids, Ding, Cozy N Safe, Kinderkraft, Sunbaby, Renolux, Monsieur-bebe, Nania, AXKID, Carkids, Oy Klippan Ab, Cuggl, My child, PETEX, Kidimax, HiTS4KiDS, Walser, Fillikid, Zizito, Asalvo, Coto baby, Babylon, Foppapedretti, Brevi, Cam, My baby pro, Baby way, BBPro, Hiccapop, Trumom, R for Rabbit, 1ststep, Polka Tots, Toyhouse, Tiffy & Toffee, Safe-o-kid, Happybaby, Multikids Baby, Cocolatte, Babydoes, Akeeva, Baby gro, Casa Tomara, FOR KIDDY, ORILAT, MEXEX, DISER, TINOBABYLAND.</p> <div>   </div>
3.	Manufacturer's designation of the Enhanced Child Restraint System	HB-53
4.	Manufacturer's name	Anhui Humbi Intelligent Technology Co., Ltd.
5.	If applicable, name of his representative	Not Applicable

6. Address The east of Qingpingshan road, The north of Jiashan road, and the south of Baling Lake road, Economic development district, Mingguang city, Chuzhou, Anhui, China
7. Submitted for approval on 10.04.2022
8. Technical Service conducting approval tests **AUTOMOTIVE TECHNICAL SERVICE S.r.l.**
Via Consiglio dei Sessanta, 99
47891 – DOGANA Repubblica di San Marino
9. Type of device Deceleration/~~Acceleration~~²
10. Date of test report issued by that Service 25.05.2022
11. Number of test report issued by that Service ATS-SM-IR-129-04052
12. Approval **granted**/~~extended/refused/withdrawn~~²
for size range 100cm to 150cm for i-Size specific
~~vehicle or for use as a "special needs restraint",~~
~~position in vehicle~~
13. Position and nature of the marking Sticker pasted on the back of base

LIBERTAS

REPUBBLICA
DI SAN MARINO

14. Place DOGANA – Repubblica di San Marino

15. Date 31.05.2022

16. Signature



Ing. Marco CONTI
Direttore Generale
General Director

- 17 The following documents, bearing the approval number shown above, are attached to this communication:
- (a) Drawings, diagrams and plans of the child restraint, including any retractor, chair assembly, impact shield fitted;
 - (b) Drawings, diagrams and plans of the vehicle structure and the seat structure, as well as of the adjustment system and the attachments, including any energy absorber fitted;
 - (c) Photographs of the child restraint and/or vehicle structure and seat structure;
 - (d) Instructions for fitting and use;
 - (e) List of vehicle models for which the restraint is intended.

(2) *Strike out what does not apply*



Allegato <i>Enclosure</i>				
Al certificato di omologazione ECE N. <i>To ECE approval certificate No.</i>		E57*129R03/05*0010*00		
Indice del fascicolo di omologazione <i>Index to the information package</i>				
Data <i>Date of issue</i>		31.05.2022	Data ultima modifica <i>Last amendment date</i>	--
1.	Clausole di garanzia e istruzioni sul diritto di presentare ricorso <i>Collateral clauses and instruction on right to appeal</i>			
2.	Rapporto(i) Finale di Ispezione N. <i>Inspection report(s) No.</i>	ATS-SM-IR-129-04052	Data <i>Date</i>	25.02.2022
3.	Scheda informativa N. <i>Information document No.</i>	129-HB-53-00	Data <i>Date</i>	10.04.2022
			Data ultima modifica <i>Last amendment date</i>	--



Clausole di garanzia e istruzioni sul diritto di presentare ricorso

Clausole di garanzia

La produzione in serie deve essere esattamente conforme ai documenti di omologazione. Le variazioni di produzione in serie sono consentite solo con il consenso espresso del **Autorità per l'Omologazione**.

Le variazioni del nome della società, l'indirizzo e lo stabilimento di produzione, nonché una delle parti che hanno l'autorità alla consegna o eventuali rappresentanti nominati al momento del rilascio dell'omologazione, devono essere immediatamente comunicate al **Autorità per l'Omologazione**. La violazione di queste regole può portare al ritiro dell'omologazione ed inoltre può essere legalmente perseguita.

L'omologazione decade se viene restituita o ritirata o se il tipo omologato non è più conforme ai requisiti di legge. La revoca può essere fatta se non esistono più i requisiti richiesti per il rilascio e la continuazione dell'omologazione, se il titolare dell'omologazione viola gli obblighi dettati dall'omologazione, anche nel caso in cui gli obblighi derivino dalle condizioni assegnate all'interno dell'omologazione, o se è accertato che il tipo approvato non è conforme ai requisiti di sicurezza del traffico e di tutela dell'ambiente.

L'**Autorità per l'Omologazione** può verificare la corretta applicazione della delega conferita rilasciata nella presente omologazione, in qualsiasi momento. In particolare, questo include la verifica della produzione, che sia conforme, nonché le misure di controllo di conformità della produzione. Per questo, possono essere presi dei campioni dalla produzione. I dipendenti o rappresentanti dell'**Autorità per l'Omologazione** possono avere accesso senza ostacoli agli impianti di produzione e stoccaggio.

La delega conferita contenuta nella presente omologazione non è trasferibile. I diritti del marchio di terzi non sono interessati da questa omologazione.

Istruzione su diritto di ricorso

Questa omologazione è appellabile entro un mese dalla notifica. Il ricorso deve essere presentato per iscritto o come una domanda inviata all' **Autorità per l'Omologazione** - Via Consiglio dei Sessanta, 99 - 47891 Dogana - Repubblica di San Marino.

Collateral clauses and instruction on right to appeal

Collateral clauses

*The individual production of serial fabrication must be in exact accordance with the approval documents. Changes in the individual production are only allowed with express consent of the **Authority for Homologation**.*

*Changes in the name of the company, the address and the manufacturing plant as well as one of the parties given the authority to delivery or authorized representative named when the approval was granted is to be immediately disclosed to the **Authority for Homologation**. Breach of this regulation can lead to recall of the approval and moreover can be legally prosecuted.*

The approval expires if it is returned or withdrawn or if the type approved no longer complies with the legal requirements. The revocation can be made if the demanded requirements for issuance and the continuance of the approval no longer exist, if the holder of the approval violates the duties involved in the approval, also to the extent that they result from the assigned conditions to this approval, or if it is determined that the approved type does not comply with the requirements of traffic safety or environmental protection.

*The **Authority for Homologation** may check the proper exercise of the conferred authority taken from this approval at any time. In particular this means the compliant production as well as the measures for conformity of production. For this purpose samples can be taken or have taken. The employees or the representatives of the **Authority for Homologation** may get unhindered access to the production and storage facilities.*

The conferred authority contained with issuance of this approval is not transferable. Trade mark rights of third parties are not affected with this approval.

Instruction on right to appeal

*This approval can be appealed within one month after notification. The appeal is to be filed in writing or as a transcript at the **Authority for Homologation** - Via Consiglio dei Sessanta, 99 - 47891 Dogana - Repubblica di San Marino.*

Inspection Report No.: ATS-SM-IR-129-04052

Of: 25.05.2022



Type: HB-53

Manufacturer: Anhui Humbi Intelligent Technology Co., Ltd.

Inspection Report
No. ATS-SM-IR-129-04052
Rel. 00

Inspection concerning ~~vehicles~~ / components with regard to:

**Uniform provision concerning
Enhanced Child Restraint Systems**

performed according to



ECE Regulation No. 129

as last amended by

03 series of amendments

of the Economic Commission for Europe

Approval status	
ECE	Number of approval
	E57*129R03/05*0010*00

0.	General information		
0.1.	Make (trade name of manufacturer):		
	<p>HUMBI, Pick and Pay, Bambino, Infanti, Stylo, Juju, SWISS ARMOR, Neway, Lionelo, BANEEN, ROMER, COSCO, RH for kids only, Bebesit, Whoop, Kiddy, Chipolino, Little one, Prinsel, Lionelo, Halfords Essentials, Halfords, Mothercare, BabyStart, Bruin, Bounce, Pampero, Little King, ELEMED, Lorelli, Disney, Prinsel, Rawlink, Summer baby, Neb: o, Dora, Hello kitty, Ningja Turtle, Paw patrol, Spider man, Star wars, Sparco corsa, SPARCO(F100K), SPARCO KIDS(F100K), Car Comfort, Smiki, More, SPONGEBOB, GARFIELD, Babyauto, Kind Comfort, Vivitta, BQS, Baby Quality Safe, 5dot, OMP Pro kids, Babybus, Babypack, Babygab, Autozone, Autoreisen, Cicar, Galzerano, Iobimbo, Midas, Shears, Unit, Bbest, Motortown, Eurobaby, Kiduku, ricokids, Kikka boo, Eurobaby, Safety 1st, Happy way, meemee, BABY 1st, BLG, Mee, babyhug, m minimondo, Little Me, Bebesafe, Safeway, ZOALFER, U-grow, S.A., mscrr BEBEFIX, Hazlo, PRIORI, Juniors, BABY STYLE, STAR BABY, Kidscool, fisher-price, Chelino, MOBI BABY, OUSA/欧萨, 超级盾, Chaojidun, 智慧神童, 智慧神童 ZHST, bbqool, bene baby, king baby, mega baby, Bébéconfort, Babidéal, Baby relax, Monbébé, Harmony, Secure, Bounce, Lova, Boni, Babies R Us, Moon, Giggies, Junior, Miya Baby, Kiddo, bebeglo, love, Bran-New, KEENZ, JOYCARE, Daliya, bium, kika, Gifted baby, Optimal baby go, XOMAX, dreams, funnysmile, SPECTRUM, nowybaby, babylife, NULABABY, L' enfant, Royce, JOLLYKIDS, Baby plus, FIN BABIES PLUS, PMB, AVANTI, KidzBerg, LuvLap, Zicuro, BabySmile, Fico, SAFEWAY, Kikkaboo, Babysafe, karikids, Ding, Cozy N Safe, Kinderkraft, Sunbaby, Renolux, Monsieur-bebe, Nania, AXKID, Carkids, Oy Klippan Ab, Cuggl, My child, PETEX, Kidimax, HiTS4KiDS, Walser, Fillikid, Zizito, Asalvo, Coto baby, Babylon, Foppapedretti, Brevi, Cam, My baby pro, Baby way, BBPro, Hiccapop, Trumom, R for Rabbit, 1ststep, Polka Tots, Toyhouse, Tiffy & Toffee, Safe-o-kid, Happybaby, Multikids Baby, Cocolatte, Babydoes, Akeeva, Baby gro, Casa Tomara, FOR KIDDY, ORILAT, MEXEX, DISER, TINOBABYLAND.</p> <div style="display: flex; align-items: center;">   </div>		
0.2.	Type:	HB-53	
0.2.1.	Variants:	Not applicable	
0.3.	Name and address of manufacturer:	Anhui Humbi Intelligent Technology Co., Ltd. The east of Qingpingshan road, The north of Jiashan road, and the south of Baling Lake road, Economic development district, Mingguang city, Chuzhou, Anhui, China	
0.3.1	Name and address of manufacturer's authorized representative:	Not applicable	
0.3.2.	Production plant(s) address(es):	Same as manufacturer	
0.4.	No. of the information document:	129-HB-53-00	Date: April 10, 2022
0.5.	Position of the approval mark:	Sticker pasted on the ECRS. See information document No. 129-HB-53-00	

Inspection Report No.: ATS-SM-IR-129-04052

Of: 25.05.2022



Type: HB-53

Manufacturer: Anhui Humbi Intelligent Technology Co., Ltd.

1.	Tested system	
1.1.	Description of the test system	
1.1.1	Make:	See 0.1 above
1.1.2	Type:	HB-53
1.1.3	Variant / Version:	Not applicable
1.1.4	Place of marking:	See the information document No. 129-HB-53-00
1.1.5	Main characteristics	
	Category(ies) :	i-Size booster seat
	ECRS class:	Non-integral
	Size Range:	100-150cm
	Maximum occupant mass for i-Size:	Not applicable
	ECRS orientation:	Forward-facing
	Anti-rotation device:	Not applicable
	Child Restraint Mode:	Three-point adult safety belt
	Locking-off device type:	Not applicable
	Type of retractor:	Not applicable
	Belt type:	Three-point adult safety belt
	Other features:	Chair assembly / impact shield
	Installation Methods:	Method 1: Adult three-point safety belt only Method 2: Adult three-point safety belt with ISOFIX connector
	Backrest positions:	Fixed

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Of: 25.05.2022



Type: HB-53

Manufacturer: Anhui Humbi Intelligent Technology Co., Ltd.

	Declaration on toxicity:	See the information document No. 129-HB-53-00
	Declaration on flammability:	See the information document No. 129-HB-53-00
	Instruction for use of ECRS in the vehicle:	See the information document No. 129-HB-53-00
2.	Test records	
2.1.	Equipment for measuring and testing:	Used equipment fulfill all requirements of the ECE Regulation No. 129.03
2.2	Conformity with the technical sheet and attached drawings:	SI / YES <input checked="" type="checkbox"/> NO / NO <input type="checkbox"/> NR / NA <input type="checkbox"/>
2.3	Test results	
Para.	Parameter	Check
4. Markings		
4.1.	ECRS is marked of manufacturer's name, initials or trade mark.	fulfilled
4.2.	ECRS is clear and indelible marked with year of production.	fulfilled
4.3.	Orientation, size range, maximum occupant mass, webbing path, and visibility of these marking.	fulfilled
4.4.	ECRS is permanently attached the warning label of "Airbag" for rearward facing.	N/A
4.5.	ECRS is permanently attached the warning label of no forward-facing for child less than 15 months.	N/A
4.6	Webbing path	
4.6.1	The adult safety-belt route markings shall be placed on all belt guides and lock off devices. The adult safety-belt route markings shall be at least the width of the adult webbing path.	N/A
4.6.2	The correct webbing path indication for Non-integral ECRS	fulfilled
4.6.3	The correct webbing path indication for integral belted ECRS	N/A
4.7.	Marking for integral ECRS including ISOFIX connections attachments	
4.7.1.	for i-Size ECRS, the i-Size Logo shall permanently visible.	N/A

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Of: 25.05.2022



Type: HB-53

Manufacturer: Anhui Humbi Intelligent Technology Co., Ltd.

4.7.2.	For Specific Vehicle ISOFIX ECRS, the ISOFIX logo and user instruction label shall permanently visible.	N/A
4.7.3.	An international approval mark	
	If ECRS containing modules, approval module mark shall be permanently attached on ISOFIX base:	N/A
4.7.4.	If ECRS containing modules, module mark shall be permanently attached on the module:	N/A
4.8.	Marking for non-integral ECRS	
4.8.1.	for i-Size booster seat ECRS, the i-Size booster seat user instruction label shall permanently visible:	fulfilled
4.8.2.	for Specific vehicle booster seat ECRS, the Specific vehicle booster seat user instruction label shall permanently visible:	N/A
4.8.3.	for Universal booster cushion ECRS, the user instruction label shall permanently visible:	N/A
4.8.4.	for specific vehicle booster cushion ECRS, the user instruction label shall permanently visible:	N/A
4.8.5.	Label for size limit for booster cushion ECRS.	N/A
4.9.	Marking for ECRS with an impact shield	N/A
4.10.	Any removable insert shall have permanently attached label to indicate the brand, model and size range of ECRS.	N/A
4.11	A Booster seat that converts to a Booster cushion by a removable backrest, shall have a permanently attached label on the backrest, to indicate the brand and model of the ECRS.	N/A
4.12	ECRS shall have a permanently attached label to inform the user of the appropriate method of restraint of the child over the entire stature range declared by the manufacturer.	fulfilled

Inspection Report No.: ATS-SM-IR-129-04052

Of: 25.05.2022



Type: HB-53

Manufacturer: Anhui Humbi Intelligent Technology Co., Ltd.

4.13	Marking for Integral Belted Enhanced Child Restraint System.	N/A
4.14	Additional markings	fulfilled
6.	General specifications	
6.1.	Positioning and securing on the vehicle	fulfilled
6.1.2.5; 6.1.3.4	Measurement from Cr to load bearing point ($\geq 150\text{mm}$)	Left (mm)
		Right (mm)
6.1.2.6; 6.1.3.5	Belt remaining on spool (mm) (applicable to Belted Enhanced Child Restraint Systems) ($\geq 150\text{mm}$)	N/A
6.2.	Configuration of the ECRS	fulfilled
6.2.1.4	Buckle position when smallest & largest dummies are installed (Applicable to integral forward-facing ECRS)	N/A
6.2.1.5	Angle α and β measured with smallest & largest dummies ($\geq 10^\circ$)	N/A
6.3.	ECRS specification	
6.3.1.	Material	fulfilled
6.3.2.	General characteristics	fulfilled
6.3.2.1	Internal geometric characteristics	fulfilled. See appendix 2.
6.3.2.2	External dimensions	fulfilled. See appendix 2.
6.3.2.3	Mass (integral ECRS)	
6.3.2.3	The mass of an integral ISOFIX Enhanced Child Restraint System (including inserts) combined with the mass of the largest child intended to use the Enhanced Child Restraint System shall not exceed 33 kg.	N/A
	For module systems the combined mass of the module & base shall be recorded.	N/A
6.3.3.	ISOFIX attachments	fulfilled
6.3.3.2	Dimensions	fulfilled

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Of: 25.05.2022



Type: HB-53

Manufacturer: Anhui Humbi Intelligent Technology Co., Ltd.

6.3.3.3	Partial latching indication	Fulfilled. An audible and green visual indication are available.
6.3.4.	ISOFIX ECRS top tether strap specifications	N/A
6.3.4.1	The top tether connector shall be ISOFIX top tether hook as shown in Figure 3(c), or similar devices that fit within the envelope given by Figure 3(c) of regulation.	N/A
6.3.4.2	The ISOFIX top tether strap shall be supported by webbing (or its equivalent), having a provision for adjustment and release of tension.	N/A
6.3.4.2.1	ISOFIX Top tether strap length ISOFIX Enhanced Child Restraint System top tether strap length shall be at least 2,000 mm.	N/A
6.3.4.2.2	The ISOFIX top tether strap or the ISOFIX Enhanced Child Restraint System shall be equipped with a device that will indicate that all slack has been removed from the strap. The device may be part of an adjustment and tension relieving device.	N/A
6.3.4.2.3	Engagement dimensions for ISOFIX top tether hooks are shown in Figure 3(c).	N/A
6.3.5.	i-Size ECRS support-leg and support-leg foot requirements	N/A
6.3.5.1	Support-leg and support-leg foot geometrical requirements	N/A
6.3.5.1.	The support leg, including its attachment to the Enhanced child restraint systems and the support-leg foot shall lie completely within the support leg dimension assessment volume (see also figures 1 and 2 of annex 19 of this Regulation), which is defined as follows:	N/A
6.3.5.1.(a)	In width by two planes parallel to the X'-Z' plane separated by 200 mm, and centred around the origin; and	N/A
6.3.5.1.(b)	In length by two planes parallel to the Z'-Y' plane and positioned at distances of 585 mm and 695 mm forward of the origin along the X' axis; and -> Distances in X	N/A
6.3.5.1.(c)	In height by a plane parallel to the X'-Y' plane, positioned at a distance of 70 mm above the origin and measured perpendicular to the X'-Y' plane. Rigid, non-adjustable parts of the support leg shall not extend beyond a plane parallel to the X'-Y' plane, positioned at a distance of 285 mm below the origin and perpendicular to the X'-Y' plane. -> Height in Z	N/A

6.3.5.1	The support-leg may protrude the support-leg dimension assessment volume, providing it remains within the volume of the relevant CRF. If a gauge or fixture is used to verify the required dimensions, instead of recording precise measurements, verification photos of the physical check shall be provided	N/A
6.3.5.2	Where incremental adjustment is provided, the step between two locked positions shall not exceed 20 mm.	N/A
6.3.5.2	The support leg foot assessment volume is defined as follows:	N/A
6.3.5.2 . (a)	In width by two planes parallel to the X'-Z' plane, separated by 200 mm, and centred around the origin; and	N/A
6.3.5.2 . (b)	In length by two planes parallel to the Z'-Y' plane and positioned at distances of 585 mm and 695 mm forward of the origin along the X' axis; and -> Distances in X	N/A
6.3.5.2 (c)	In height by two planes parallel to the X'-Y' plane positioned at distances of 285 mm and 540 mm below the origin along the X' axis. -> Height in Z	N/A
6.3.5.1	Support-leg and support-leg foot geometrical requirements	N/A
6.3.5.2	It shall be permissible for the support-leg to be adjustable beyond the height limits in the Z' direction (as indicated by key 6 in Figure 3 of Annex 19), providing that no parts extend beyond the limiting planes in the X' and Y' directions.	N/A
6.3.5.3	Support-leg foot dimensions	N/A
6.3.5.3 .	The dimensions of the support-leg foot shall meet the following requirements:	N/A
6.3.5.3 . (a)	Minimum support-leg contact surface shall be 2,500 mm ² , measured as a projected surface 10 mm above the lower edge of the support-leg foot (see Figure 3(d));	N/A
6.3.5.3 . (b)	Minimum outside dimensions shall be 30 mm in the X' and Y' directions, with maximum dimensions being limited by the support-leg foot assessment volume;	N/A
6.3.5.3 . (c)	Minimum radius of the edges of the support-leg foot shall be 3.2 mm.	N/A

	If a gauge or fixture is used to verify the required dimensions, instead of recording precise measurements, verification photos of the physical check shall be provided			N/A				
6.4.	Control of marking			fulfilled				
6.5.	Control of instructions on installation and the instructions for use			fulfilled				
6.6.	Provisions applicable to the assembled restraint							
6.6.1.	Resistance to corrosion (only the corrosible parts were tested)			fulfilled				
	Parts tested			ISOFIX connector				
	Test result description:			No signs of deterioration likely to impair the proper functioning of the ECRS, and no significant visible corrosion.				
6.6.2.	Energy absorption			Fulfilled				
	--	Area of headform impact		Head form deceleration				
	Deceleration of headform [g] (limit 60g)	The middle of head backrest	left side	3.5				
			right side	3.8				
		The sides of head backrest	left side wing	4.2				
			right side wing	3.9				
	Depth of the side wings \geq 90mm	145						
	Sample meet the requirements.							
6.6.3.	Overturning			fulfilled				
		ECRS orientation	Installation Methods	Direction of rotation				Mass of the dummy [kg]
				Clock wise	Anti-clock wise	Roll ahead	Roll back	
	Dummy's head vertical movement [mm] (limit 300 mm)	Forward-facing	Adult safety belt	156	204	212	205	15.1
				176	211	206	212	36.1
			Adult safety belt with ISOFIX connector	182	186	190	180	15.1
				191	184	195	186	36.1

6.6.4. Table 1	Dynamic test (See table 1 and table 2 of 6.6.4) Type of dynamic test device: deceleration Deceleration curves: meet the requirements. Refer to appendix 3.							
	Testing parameter		Limit		Result			
	ECRS Class		-		Non-integral			
	ECRS orientation		-		Forward-facing			
	Impact direction		-		Frontal			
	Backrest position		-		Fixed			
	Attachments		ISOFIX connector			N/A		
	Used dummy		-		Q3	Q6	Q10	
	Mass of dummy [kg]		-		15.1	23.4	36.1	
	Trolley impact speed [km/h]		50 + 0/-2		49.0	48.8	48.9	
	Trolley stopping distance [mm]		650 ± 50		671	670	673	
	Trolley deceleration in the pulse curve [g]		20-28		26.79	27.29	26.72	
	Head performance criterion (HPC)		≤ 600/800		419.5	299.3	342.9	
	Resultant head acceleration 3 ms [g]		≤ 75/80		65.58	56.42	55.93	
	Resultant chest acceleration 3 ms [g]		≤ 55		36.84	37.91	38.32	
	Chest deflection [mm]		-		1.71	0.91	1.40	
	Upper neck tension force [kN]		-		2.12	1.15	2.06	
	Upper neck flexion moment [Nm]		-		12.67	19.25	3.19	
	Abdominal pressure [bar]	L	≤ 1.2 (Q1.5/Q10) ≤ 1.0 (Q3)		0.56	0.64	0.75	
		R	≤ 1.2 (Q1.5/Q10) ≤ 1.0 (Q3)		0.61	0.60	0.78	
	Maximum of head displacement	x [mm] (horizontal)	≤ 500		387	394	399	
		at time [ms]	-		81	93	81	
		z [mm] (vertical)	≤ 800		666	715	683	
		at time [ms]	-		201	189	171	
	Buckle open force after [N]		≤ 80		N/A	N/A	N/A	
	Failure or breakage		no		No	No	No	
6.6.4. Table 2	Testing parameter		Limit		Result			
	ECRS Class		-		Non-integral			
	ECRS orientation		-		Forward-facing			
	Impact direction		-		Lateral			
	Backrest position		-		Fixed			
	Attachments		ISOFIX connector			N/A		
	Used dummy		-		Q3	Q6	Q10	
	Mass of dummy [kg]		-		15.1	23.4	36.1	
	Door bench deceleration pulse inside corridor		-		Yes	Yes	Yes	
	Trolley stopping distance [mm]		250 ± 50		236	241	240	
	Head performance criterion		≤ 600/800		320.3	138.2	326.9	
					243.9	144.4	173.8	

	Resultant head acceleration 3 ms [g]	≤75/80	59.25	47.94	34.35	54.28	40.07	50.50
	Upper neck tension force [kN]	-	39.2	613.8	425.4	1018.1	1159.4	967.6
	Upper neck flexion moment [Nm]	-	4.98	9.79	11.41	16.69	72.87	15.15
	Head containment (no head contact and not exceed vertical plane)	no	no	no	no	no	no	no
	Buckle open force after [N]	≤ 80	N/A	N/A	N/A	N/A	N/A	N/A
	Failure or breakage	no	no	no	no	no	no	no
6.6.5.	Resistance to temperature (only the relevant parts were tested)	Fulfilled						
	Parts tested:	ECRS assembly						
	Description of results	No signs of deterioration likely to impair the proper functioning of the restraint of the child is visible.						
6.7.	Provisions applicable to individual components of the restraint							
6.7.1.	Buckle							
6.7.1.2	Buckle type (enclosed or non-enclosed)	N/A						
	Surface area of button	N/A						
6.7.1.4	Shoulder strap positioner	N/A.						
6.7.1.6	The buckle shall be tested by heat and operate 5,000 ± 5 opening and closing cycles, before dynamic test	N/A						
6.7.1.7	Buckle releasing force before and after dynamic test	N/A						
6.7.1.8	Strength of the buckle Buckle shall withstand 10kN for mass limit greater than 13kg	N/A						
6.7.2.	Adjusting device							
6.7.2.1 ~ 6.7.2.4	General requirements for adjusting device	N/A						
6.7.2.5	Microslip testing, the amount of strap slip shall not exceed 25mm for one adjusting device or 40mm for all adjusting devices	N/A						
6.7.2.6	The adjuster must not break or become detached when test for ease of adjustment	N/A						
6.7.2.7	An adjuster shall be test by operate 5,000 ± 5 cycles, before dynamic test	N/A						
6.7.3.	Retractors	N/A.						

6.7.4.	Straps	N/A
6.7.5.	ISOFIX attachment specifications	
6.7.5.1	Undergo a test comprising 2,000 \pm 5 opening and closing cycles under normal conditions of use	fulfilled
6.7.5.2 . (a)	Release of the locking mechanism of the complete seat, shall require two consecutive actions, the first of which should be maintained while the second is carried out; or	N/A
6.7.5.2 . (b)	The ISOFIX attachment opening force shall be at least 50 N when tested as prescribed in paragraph 7.2.8.	Fulfilled / 65N
6.7.6	Lock-off device	N/A
6.7.6.1	The lock-off device shall be permanently attached to the Enhanced Child Restraint System.	N/A
6.7.6.2	The lock-off device shall not impair the durability of the adult belt and shall undergo the temperature test operation requirements given in paragraph 7.2.7.1.	N/A
6.7.6.3	The lock-off device shall not prevent the rapid release of the child.	N/A
6.7.6.4	Class A device	N/A
	The amount of slip of the webbing shall not exceed 25 mm after the test prescribed in paragraph 7.2.9.1. below.	N/A
6.7.6.5	Class B device	N/A
	The amount of slip of the webbing shall not exceed 25 mm after the test prescribed in paragraph 7.2.9.2. below.	N/A
6.8.	Classification	Fulfilled. i-Size booster seat Enhanced Child Restraint System.
9.	Production qualification	
9.2.1	Production qualification test Type of dynamic test device: deceleration Deceleration curve: meet the requirements. Refer to appendix 3	
	Testing parameter	Limit
	Marking	-
	Installation instruction	-
	ECRS class	-
	ECRS size range	-
	ECRS orientation	-
	Impact direction	-
	Result	

Backrest position		-	Fixed				
Attachments		-	ISOFIX connector				
Used dummy		-	Q10				
Mass of dummy		kg	36.1				
Trolley impact speed [km/h]		50 + 0/-2	48.9	49.0	49.1	48.9	48.8
Trolley stopping distance [mm]		650±50	671	672	669	673	676
Trolley deceleration in the pulse curve [g]		20-28	26.79	27.36	27.08	26.72	24.69
Head performance criterion		≤600/800	419.54	399.17	477.54	342.85	355.20
Resultant head acceleration 3 ms [g]	≤75 (Q0,Q1,Q1.5) ≤80(Q3,Q6,Q10)		65.58	63.60	64.35	55.93	60.47
	Calculation X		61.99				
	Calculation S		3.47				
	X+S		65.46				
Resultant chest acceleration 3 ms [g]	≤55		46.84	37.07	43.07	38.32	37.61
	Calculation X		40.58				
	Calculation S		3.79				
	X+S		44.37				
Chest deflection [mm]		-	1.71	1.26	1.47	1.40	1.47
Upper neck tension force [kN]		-	2120	2645	2355	2059	2027
Upper neck flexion moment [Nm]		-	12.67	11.35	11.86	3.19	13.50
Abdominal pressure [bar]	L	≤1.2 (Q1.5/Q10)	0.78	0.82	0.75	0.83	0.84
	R	≤1.0 (Q3)	0.79	0.85	0.79	0.81	0.78
Buckle open force after [N]		≤ 80	N/A	N/A	N/A	N/A	N/A
Failure or breakage		No	No	No	No	No	no
Maximum of head displacement	x [mm] (horizontal)	≤ 500	439	452	441	459	443
	at time [ms]	-	96	91	95	94	93
	Horizontal Calculation X		446.8				
	Horizontal Calculation S		7.55				
	Horizontal X+S		454.35				
	z [mm] (vertical)	≤ 800	670	668	666	663	665
	at time [ms]	-	168	170	240	175	246
	Vertical Calculation X		666.4				
	Vertical Calculation S		2.42				
	Vertical X+S		668.82				

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Type: HB-53

Manufacturer: Anhui Humbi Intelligent Technology Co., Ltd.

		The maximum head excursion value shall not exceed 1.05L, X+S shall not exceed L. 1.05L horizontal: 550mm 1.05L vertical: 840mm	fulfilled
9.2.2	Dynamic tests for lateral impact		N/A
9.2.3	Control of markings and instructions		fulfilled
14.	Information for users		
14.1.	ECRS is accompanied by instructions in the language of the country where the device is sold		fulfilled
14.2.	Instructions on installation		fulfilled
14.3.	Instructions for use		fulfilled



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Of: 25.05.2022



Type: HB-53

Manufacturer: Anhui Humbi Intelligent Technology Co., Ltd.

3. Other information

Place of testing: Automotive Collision Test Lab, State Key Lab of ASE of TSU

Date of testing: May 09, 2022~ May 11, 2022

Technical service representative: Senior Inspector Junior Inspector
(if applicable)

Henry Ding Harry Meng

Manufacturer's representative: Not applicable

Remarks: None

3.1 Appendix

1. List of modifications
2. Geometric characteristics
3. Test curve

3.2 Enclosures

Information folder

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Manufacturer: Anhui Humbi Intelligent Technology Co., Ltd.

4. Statement of conformity

The information document as given in paragraph 0.4 and the type described there are in compliance with the test specification mentioned above.

With regard to the required level of performance to be achieved, the tested items were representative for the type to be approved (see paragraph 1).

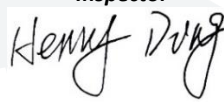



The tests were carried out in accordance with the relevant requirements of EN ISO/IEC 17025 and EN ISO/IEC 17020 R129-03 ECE/UN.

The inspection report comprises pages 1 to 19.

It shall not reproduced except in full, without written approval of the laboratory.

Dogana, Repubblica di San Marino, May 25, 2022



No. of project and protocol	Originality Check (*)	Automotive Technical Service S.r.l. Inspector  (Eng. Henry DING)	
	 ATS-SM-PR-04052	Automotive Technical Service S.r.l. Deputy Technical Director  (Eng. Bogdan Nicolae Domnescu)	

(*) To check the originality of documents, scan the QR Code or connect to the site <https://www.ats.sm/originality-control-atp-adr-tyapp/> and follow the instruction in it.

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Of: 25.05.2022



Type: HB-53

Manufacturer: Anhui Humbi Intelligent Technology Co., Ltd.

Appendix 1

List of modifications

Applicable / Not Applicable

More details for application of

Date : --

Correction of : -

Modification of : -

Addition of : -

Deletion of : -

Appendix 2: Geometric measurement

Internal geometric measurement

ECRS size range	100cm-150cm		
Size range measured	100cm-150cm		
Configuration measured	i-Size booster cushion		
ISO volume used to confirm external dimensions:	ISO/B2		
Internal measurements:	Item	Limit	Measured
The maximum occupant size (150cm)	Sitting height (B)	≥81.1	83.0
	Shoulder breadth (C)	≥36.4	37.0
	Hip breadth (D)	≥32.0	37.5
	Maximum shoulder height (E2)	≥53.3	548.0
The minimum occupant size (100cm)	Minimum shoulder height (E1)	<32.4	32.0

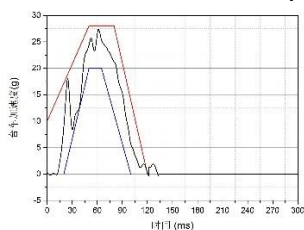
External geometric measurement

Configuration measured	Universal booster cushion
ISO volume used to confirm external dimensions:	ISO/B2
ECRS Adjustments that fit within volume (if applicable):	Within the envelop when adjusted to maximum and minimum occupant size.

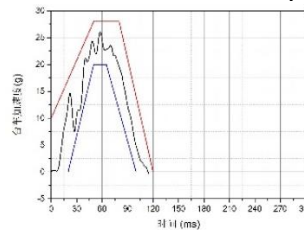
Appendix 3: Test curve of trolley

Dynamic test

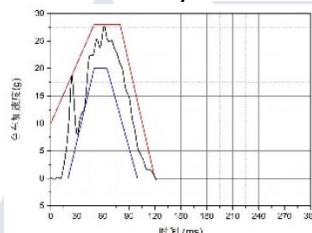
Forward facing/frontal impact/ABC/
ISOFIX connector/Dummy Q6



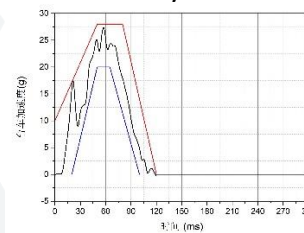
Forward facing/frontal impact/ABC/
ISOFIX connector/Dummy Q10



Forward facing/frontal impact/ABC/
Dummy Q6

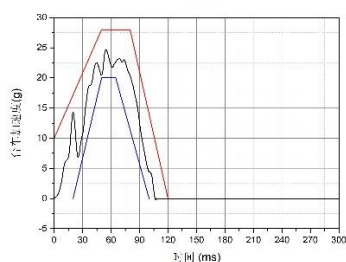
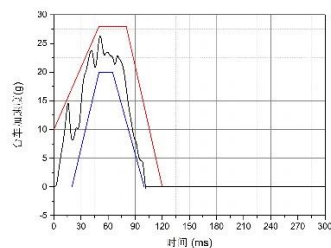
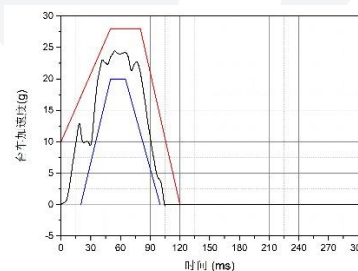
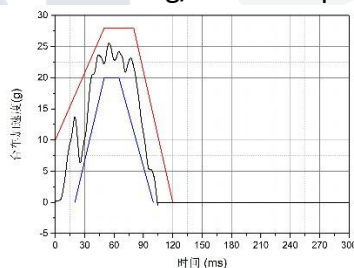
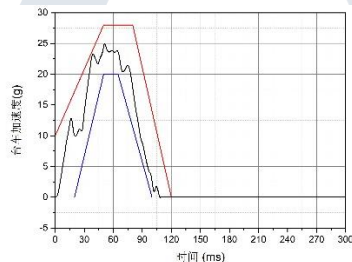



Forward facing/frontal impact/ABC/
Dummy Q10



Product Qualification Test

Q10, Forward facing/frontal impact/ABC




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INFORMATION DOCUMENT-R129.03

UNIFORM PROVISIONS CONCERNING THE APPROVAL OF ENHANCED CHILD RESTRAINT SYSTEMS USED ON BOARD OF MOTOR VEHICLES (ECRS)

Application information: **Anhui Humbi Intelligent Technology Co., Ltd.**

Production type: **HB-53**

	Anhui Humbi Intelligent Technology Co., Ltd.	Type: HB-53
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		Date: April 10, 2022
		Page No 2 of 24

0 GENERAL

0.1. Make (trade name of manufacturer):

HUMBI, Pick and Pay, Bambino, Infanti, Stylo, Juju, SWISS ARMOR, Neway, Lionelo, BANEEN, ROMER, COSCO, RH for kids only, Bebesit, Whoop, Kiddy, Chipolino, Little one, Prinsel, Lionelo, Halfords Essentials, Halfords, Mothercare, BabyStart, Bruin, Bounce, Pampero, Little King, ELEMED, Lorelli, Disney, Prinsel, Rawlink, Summer baby, Neb: o, Dora, Hello kitty, Ningja Turtle, Paw patrol, Spider man, Star wars, Sparco corsa, SPARCO(F100K), SPARCO KIDS(F100K), Car Comfort, Smiki, More, SPONGEBOB, GARFIELD, Babyauto, Kind Comfort, Vivitta, BQS, Baby Quality Safe, 5dot, OMP Pro kids, Babybus, Babypack, Babygab, Autozone, Autoreisen, Cicar, Galzerano, Iobimbo, Midas, Shears, Unit, Bbest, Motortown, Eurobaby, Kiduku, ricokids, Kikka boo, Eurobaby, Safety 1st, Happy way, meemee, BABY 1st, BLG, Mee, babyhug, m minimondo, Little Me, Bebesafe, Safeway, ZOALFER, U-grow, S.A., mscrr BEBEFIX, Hazlo, PRIORI, Juniors, BABY STYLE, STAR BABY, Kidscool, fisher-price, Chelino, MOBI BABY, OUSA/欧萨, 超级盾, Chaojidun, 智慧神童, 智慧神童 ZHST, bbqool, bene baby, king baby, mega baby, Bébé confort, Babidéal, Baby relax, Monbébé, Harmony, Secure, Bounce, Lova, Boni, Babies R Us, Moon, Giggies, Junior, Miya Baby, Kiddo, bebeglo, love, Bran-New, KEENZ, JOYCARE, Daliya, bium, kika, Gifted baby, Optimal baby go, XOMAX, dreams, funnysmile, SPECTRUM, nowybaby, babylife, NULABABY, L' enfant, Royce, JOLLYKIDS, Baby plus, FIN BABIES PLUS, PMB, AVANTI, KidzBerg, LuvLap, Zicuro, BabySmile, Fico, SAFEWAY, Kikkaboo, Babysafe, karikids, Ding, Cozy N Safe, Kinderkraft, Sunbaby, Renolux, Monsieur-bebe, Nania, AXKID, Carkids, Oy Klippan Ab, Cuggl, My child, PETEX, Kidimax, HiTS4KiDS, Walser, Fillikid, Zizito, Asalvo, Coto baby, Babylon, Foppapedretti, Brevi, Cam, My baby pro, Baby way, BBPro, Hiccapop, Trumom, R for Rabbit, 1ststep, Polka Tots, Toyhouse, Tiffy & Toffee, Safe-o-kid, Happybaby, Multikids Baby, Cocolatte, Babydoes, Akeeva, Baby gro, Casa Tomara, FOR KIDDY, ORILAT, MEXEX, DISER, TINOBABYLAND.



0.2. Type and general commercial description(s):

HB-53

Enhanced child safety car seat

0.2.1. Commercial description(s):

N/A


0.2.2. Variant(s):

N/A

0.5. Name and address of manufacturer:

Anhui Humbi Intelligent Technology Co., Ltd.

The east of Qingpingshan road, The north of Jiashan road, and the south of Baling Lake road, Economic development district, Mingguang city, Chuzhou, Anhui, China

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0.7. In the case of components and separate technical units, location and method of affixing of the type approval mark: Sticker pasted on the back of base

0.8. Address(es) of assembly plant(s): See 0.5

0.9. Name and address of manufacturer/s representative: N/A

1 TECHNICAL DESCRIPTION

1.1 ECRS category: i-Size Booster Seat (100-150cm)

1.2 ECRS class: Non-integral (100-150cm)

1.3 Size range: 100-150cm

1.4 The maximum occupant mass allowed for i-Size ECRS: N/A

1.5 ECRS orientation: Forward-facing

1.6 Anti-rotation device: ~~Top tether / support leg~~ / N/A

1.7 Child restraint mode: Adult three-point safety belt

1.8 Locking-off device type: N/A


1.9 Type of retractor: N/A

1.10 Belt type: Adult three-point safety belt


1.11 Other features: Chair assembly / ~~impact shield~~

1.12 Mass of the complete ECRS 5.4kg ± 0.5kg

1.13 Installation method
Method 1: Forward facing/adult safety belt;
Method 2: Forward facing/adult safety belt/ISOFIX


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1.14	Backrest positions:	Fixed
1.15	Drawings, diagrams and marking of the ECRS, including all its relevant parts:	See Appendix 2, BOM LIST and Drawings
1.16	Declaration on toxicity	See Appendix 1, Declaration on the toxicity and flammability of used materials
1.17	Declaration on flammability	See Appendix 1, Declaration on the toxicity and flammability of used materials
1.18	Instruction for use of ECRS in the vehicle	See Appendix 3-Labels See Appendix 4-Packing information See Appendix 5-Manufacturer's instruction manual

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APPENDIX INDEX

No.	SUBJECT	APPENDIX	PAGE
1.	Declaration on the toxicity and flammability	Appendix 1	6
2.	BOM list and Drawings	Appendix 2	7 to 10
3.	Labels	Appendix 3	11 to 13
4.	Packing information	Appendix 4	14
5.	Manufacturer's instruction manual	Appendix 5	15 to 24

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Appendix 1

Declaration concerning Toxicity and Flammability


We hereby declare that the material used to manufacture the child restraint system HB-53 are in conformity with the requirements of par. 6.3.1.1 and par. 6.3.1.2 in regulation ECE R129.03 regarding to the toxicity and flammability.

Responsible person: Wang Dongya

Signature:

Stamp



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Appendix 2 - BOM list and drawings

Part No. (Drawing No.)	Part name/ (Component name)	Materials	Specification	Qty.
HB-53/00	Assembly	--	See drawing	1
HB-53/00-01	Exploded View	--	See drawing	1
HB-53/01	Headrest	HDPE	See drawing	1
HB-53/02	Backrest	HDPE	See drawing	1
HB-53/03	Base	HDPE	See drawing	1
HB-53/04	ISOFIX Connector	45#	See drawing	2

-Drawings

[illegible]

序号	规格	位置	关联材料/公差

版本	更改内容	更改	批准	日期

1	Head cloth	7	Isofix Connector	13
2	Back cloth	8		14
3	The base cloth	9		15
4	Headrest	10		16
5	Backrest	11		17
6	Base	12		18

Characteristics of child safety seat:

- Child safety seat 1.0cm composite cloth +1.0cmEPE foam pad, absorption energy, ride comfort,
- The seat body learns design, ride comfortable unfavorable fatigue.
- Installation of ISOFTT interface, easy to operate.

备注	公差

序号	代号	名称	材料	数量	单件重量	总重量	备注

安徽鸿贝智能科技有限公司
Anhui Hmbi Intelligent Technology Co., Ltd.

材料名称:		总图编号:	HB-53
材料规格:		零件编号:	
材料数量:		客户编号:	
装配方式:	装配	公司编号:	HB-53/00-01

设计	审核	执行标准

名称	规格	比例	图例

Exploded View

HB-53/00-01



12	11	10	9	8	7	6	5	4	3	2	1
序号	数量	位置	关键特性/公差			版本	更改内容		更改	批准	日期
H											
G											
F											
E											
D											
C											
B											
A											

技术要求
材料HDPE，表面光滑无毛刺、镀锌处理，
未注尺寸见3D数模，未注公差参照GB/T1804-C
儿童安全座椅执行标准GB27887-2011
/GB8410-2006

安徽鸿贝智能科技有限公司						材料名称: HDPE		总图编号: HB-53	
Anhui Humbi Intelligent Technology Co., Ltd.						材料规格: 吹塑		项目编号:	
设计						CAD标准		客户编号:	
工艺						A4		1:7	
备注						A4		HB-53头枕	

序号	代号	名称	材料	数量	单位	备注
2						
1						

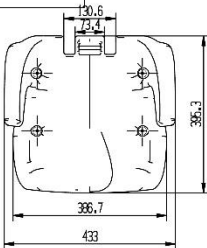
12	11	10	9	8	7	6	5	4	3	2	1
序号	数量	位置	关键特性/公差			版本	更改内容		更改	批准	日期
H											
G											
F											
E											
D											
C											
B											
A											

技术要求
材料HDPE，表面光滑无毛刺、镀锌处理，
未注尺寸见3D数模，未注公差参照GB/T1804-C
儿童安全座椅执行标准GB27887-2011
/GB8410-2006

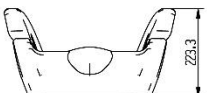
安徽鸿贝智能科技有限公司						材料名称: HDPE		总图编号: HB-53	
Anhui Humbi Intelligent Technology Co., Ltd.						材料规格: 吹塑		项目编号:	
设计						CAD标准		客户编号:	
工艺						A4		1:7	
备注						A4		HB-53靠背	

序号	代号	名称	材料	数量	单位	备注
2						
1						

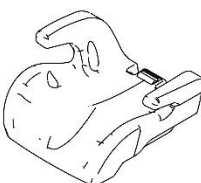
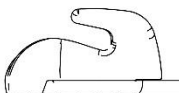
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H								共 4 页 第 1 页									
G																	
F																	
E																	
D																	
C																	
B																	
A																	



Top View Dimensions:
Overall Width: 433
Inner Width: 306.7
Overall Height: 365.3
Mounting Hole Spacing: 130.6
Hole Diameter: 22.4



Side View Dimension:
Height: 223.3

技术要求


材料HDPE，表面光滑无毛刺、镀锌处理，
未注尺寸见3D数模，未注公差参照GB/T 1804-C
儿童安全座椅执行标准GB 27887-2011 / GB 8410-2006

序号	代号	名称	材料	数量	单位	备注
2						
1						

安徽鸿贝智能科技有限公司				Anhui Huobei Intelligent Technology Co., Ltd.	
设计		CAD图框	CAD文件名	审核	
工艺				制图	
制造				检验	

材料名称:	HDPE	总图编号:	HB-53
材料规格:		项目编号:	
材料牌号:		客户编号:	
成型方式:	吹塑	颜色:	黑色
		公司标志:	HB-53/03
		零件名称:	底座
		比例:	1:1
		并查目录表	HB-53底座

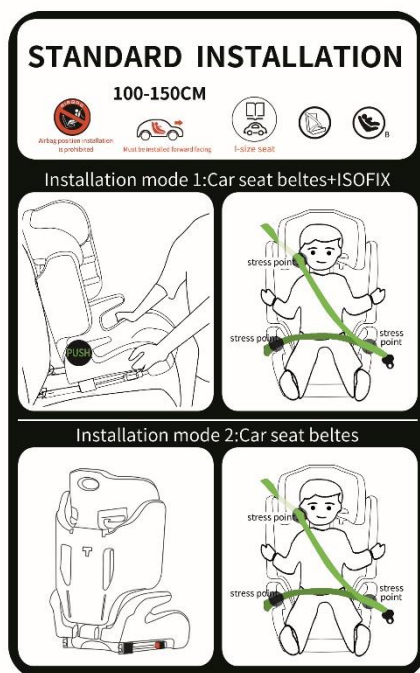
[illegible]

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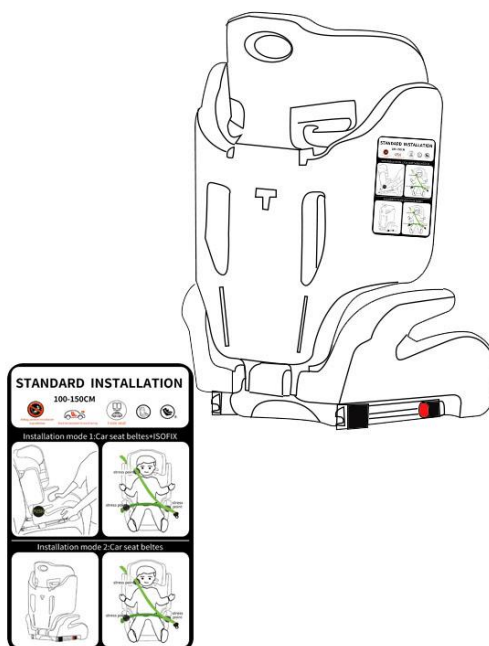
Appendix 3, Labels and marking


Installation label:

10X16CM

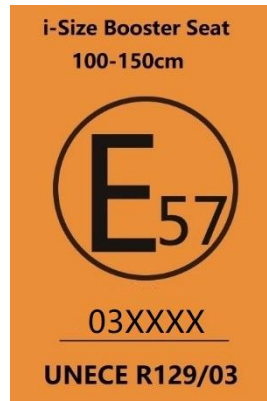


Installation label position:




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Approval marking label:




Approval marking label position



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Production month/year and material information of plastic parts:

on backrest	on the base	on the headrest
		

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Appendix 4 - Packing information



Child safety car seat

Child size: 100-150cm

- 3 point safety harness
- ISOFIX installation available for option


For child size:
100-150cm



ECE

UN Regulation No. 129/03

Manufacturer: Anhui Humbi Intelligent Technology Co., Ltd.
Address: The East of Qingpingshan Road, The North of Jiashan Avenue, and The South of Baling Lake road, Economic Development District, Mingguang City, Anhui, China
Phone: 86-173 0386 3706
Website: www.humbi.cn



Vehicle-use child safety seats

i-Size Booster Seat

Child size: 100-150cm

ECE

UN Regulation No. 129/03


Product model:
The scope of:
Apply size : 100-150cm
Execution standard: UN Regulation NO. 129/03
Colour:
Number: 1
Size: 45.5x42x66.5cm
Production date:

Size range: 100-150cm

Notice!- This is a i-Size booster seat Enhanced Child Restraint System. It is approved according to UN Regulation No. 129, for use primarily in " i-Size seating positions" as indicated by vehicle manufacturers in the vehicle user's manual.

If in doubt, consult either the Enhanced Child Restraint System manufacturer or the retailer.

Only suitable if the approved vehicles are fitted with tap/3 point / static / with retractor safety-belts, approved to UN/ECE Regulation No.16 or other equivalent standards.

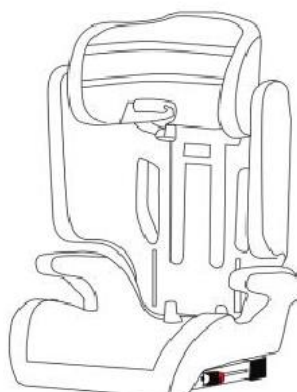
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Appendix 5- Instruction manual

Model: HB-53

Hand book for the child restraint product

【i-Size booster seat for child size: 100-150cm】




IMPORTANT INFORMATION

Notice


- This is an i-Size booster seat Enhanced Child Restraint System. It is approved according to UN Regulation No. 129, for use primarily in " i-Size seating positions" as indicated by vehicle manufacturers in the vehicle user's manual.
- If in doubt, consult either the Enhanced Child Restraint System manufacturer or the retailer.
- The size range of the child is 100-150cm (approx. age: 3-12 years or weight 15-36kg).

This manual is subject to revision without prior notice, please contact your sales agent for the latest version information.

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Contents:

1. Introduction.....	
2. Seat Placement.....	
3. Warning.....	
4. Main Parts.....	
5. Prepare and Installation.....	
5.1 ISOFIX Prepare.....	
5.2 ISOFIX Installation.....	
6. Child Restraint Assemble.....	
6.1 Installation method 1: Using 3-point adult safety belt and ISOFIX connector.....	
6.2 Installation method 2: Using 3-point adult safety belt only.....	
7. Car Restraint Dismantle.....	
7.1 The Child safety Seat Dismantle.....	
7.2 The Cover washing instruction.....	

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1. Introduction

Thank you for purchasing this HB-53 child safety seat as a protector to your child.

This product for children size from 100-150cm totally meets safety standards and has been certificated by ECE R129/03. Proper use contributes to be effective. In case of avoid the accidental injury, please rigorously follow the instruction when you install and use the child safety seat.

2. Seat Placements in Your vehicle


The seats placements information is described below in detail:

Child safety seat orientation	Front-facing	Correct
	Rear-facing	Incorrect
Adult safety belt type	Two points safety belt	Incorrect
	Three points safety belt	Correct
Seat position in diagram	No.2,4,6 seats	Correct
	No.1,3,5 seats	Incorrect
ISOFIX connector		Optional

Group and Application:


Approved to ECE R129.03	
Child size	Approx. child weight
100-150CM	15-36kg



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3. Warning:

- 3.1 HB-53 child safety seat is only available to a child from 100CM to 150CM.
- 3.2 Only suitable if the approved vehicle is fitted with lap/3 point/~~static~~/with retractor safety-belts, approved to ECE R16 or other equivalent standards.
- 3.3 Applicable for the vehicle seat faces forward only with 3-point adult safety belt. Forbidden to use in the vehicle seats with active airbag.
- 3.4 The safety restraint is secured by seat belts of the car. Never being twisted, all the belts must be adjusted to the child and handled to allow the child to be easily moved into and out of the car.
- 3.5 The belt must be worn to fasten the child's basin. Ensuring that any lap strap is worn low down, so that the pelvis is firmly engaged.
- 3.6 The straps connecting to the vehicle must be tightened and the strap for restraining the child should be adjusted to the child without any twist.
- 3.7 The seat must be in full lock. Move the child out of the seat in a prompt way under the emergency.
- 3.8 The backrests of the car is adequately secured that there is no object on them. (risk of injury)
- 3.9 Child restraint must be used properly and other methods outside this manual are not recommended.
- 3.10 The luggage and objects which could easily cause damage in a crash should be properly placed.
- 3.11 Warning! Forbidden use of the untold stressing points which will lead serious injury during vehicle accident.
- 3.12 The product should be replaced when it has been subject to violent stresses in an accident.
- 3.13 Making any alternations or additions to the device without approval of the Type Approval

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Authority is dangerous! Not following closely the installation instructions provided by us is also dangerous!

3.14 The rigid items and plastic parts of this product shall be so located and installed that they are not liable, during everyday use of the vehicle, to become trapped by a movable seat or in a door of the vehicle.

3.15 Protect the seat from the sunlight. The safety seat can become very hot for the child's skin if left in the sunlight. Contact with these parts can burn your child's skin.

3.16 Never leave your child alone in the seat and unwatched.

3.17 Never use this safety seat without the cover. The cover is a must for the safety seat and can only be provided by this manufacture for overall performance. When the chair textile cover is removed, the chair should be kept away from sunlight, otherwise it may be too hot for the child's skin;

3.18 The textile cover should not be replaced with any other than the one recommended by the manufacturer, because the cover constitutes an integral part of the restraint performance.

3.19 Unlicensed and modified products are highly dangerous.

3.20 Never left child in the chair unattended.

3.21 Do not use this safety seat at home. It is only available in the applicable motor vehicle seats.

3.22 Keep anything away from the seat and avoid contact with corrosive substances.

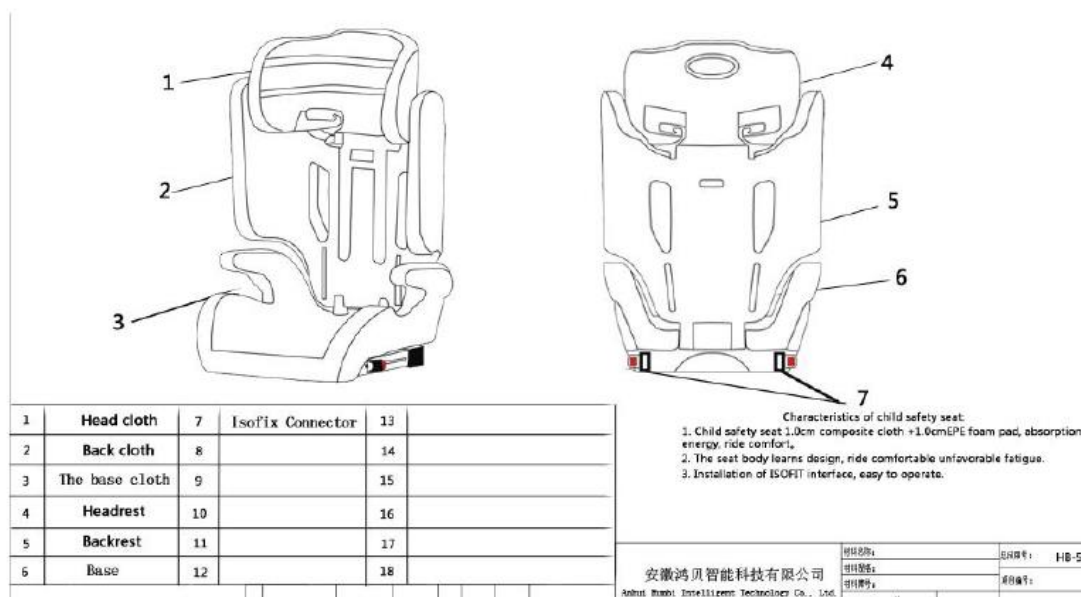
3.23 The quality of your child safety seat is guaranteed, but the second-hand product is not guaranteed by us.

3.24 The methods for washing the child restraint system are provided in this user manual. Please read carefully.

3.25 The instruction of the product must remain readable within its life cycle. The user manual

can be kept under the seat for convenient reading.

4. Main parts




5. Installation preparation:

5.1 ISOFIX preparation (Optional for vehicle seat with ISOFIX lower anchorage point)

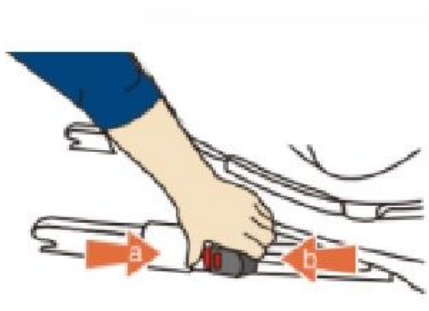
If your car is not equipped with ISOFIX connector guilders, the two ISOFIX connector guilders offered by us are available to be plunged into the ISOFIX setting (as shown in the picture below).



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5.2 ISOFIX Installation (optional for vehicle seat with ISOFIX lower anchorage point)

Press the two red buttons separately in the two ends and the interface should pushed for being longest.




6. Child Restraint Installation

6.1 Installation method 1: Using 3-point adult safety belt and ISOFIX connector

- (1) ISOFIX should be installed in the first step (Please refer clause 5.1 for the detail method).
- (2) The child safety seat faces forward towards to vehicle driving direction. Press the two red buttons on the ends of the ISOFIX and pull out it to the longest position.
- (3) Move the ISOFIX connector directly to the guide slots. Hold the armrests with two hands and push it toward the back in a steady matter, with a snap sound as a finished signal.
- (4) Push hard the safety seat against the vehicle seat back (as shown in the picture below).



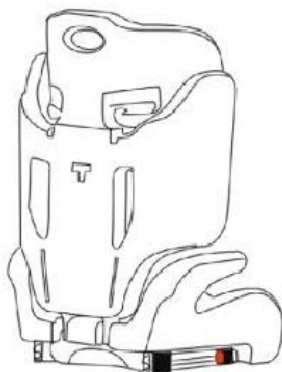
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(5) Use only the vehicle's lap and shoulder belt system when restraining the child in this safety seat. The shoulder and lap belts go through the armrests and then into the lock with a snap as a finished signal.




6.2 Installation method 2: Using 3-point adult safety belt only

- (1) ISOFIX should be installed in the first step (Please refer clause 5.1 for the detail method).
- (2) The child safety seat faces forward towards to vehicle driving direction. Press the two red buttons on the ends of the ISOFIX and push it to the shortest position.
- (3) Push hard the safety seat against the vehicle seat back (as shown in the picture below).



- (4) Take a weight-appropriate child into the car's child safety seat, pull out the seat belt, and let the shoulder strap and belly strap of the seat belt pass through the lower side of

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the armrest (as indicated by the picture below) and lock at the tongue clip. Tighten your seat belt to keep it from twisting. Pull out the heart buckle side belt clip assembly below the seat base. The tooth groove of the heart buckle assembly passes through the car safety belt. Tighten the webbing belt at the other end of the heart buckle side belt clip assembly so that the belt shoulder belt is fixed and tightened as shown in the picture on the right.




7. Dismantle the child safety seat

7.1 Dismantle the seat: press the buttons on the ISOFIX and stow back the connector. Pick up the child safety seat and loosen the string of the cover. Remove the cover from the seat.

7.2 The way of washing the cover:

- Only the original cover offered by the manufacturer is available to make a change. The cover is a part of the restraint system being functional.
- The removed cover should be washed in the temperature 30℃ with gentle detergent. Do not use centrifugal washing machine, do not use dissolvent, and do not iron.
- The wet cloth with soft detergent and warm water is available to the plastic parts. Do not use detergent with chemical and corrosive materials. Do not bleach.

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Manufacturer: Anhui Humbi Intelligent Technology Co., Ltd.

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