



# Kraftfahrt-Bundesamt

DE-24932 Flensburg

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## MITTEILUNG

Ausgestellt von:

**Kraftfahrt-Bundesamt**

über die Erweiterung der Genehmigung  
für einen Schutzhelmtyp ohne Visiertyp(en) nach der Regelung Nr. 22

## COMMUNICATION

Issued by:

**Kraftfahrt-Bundesamt**

concerning approval extended  
of a type of protective helmet without visor type(s) pursuant to  
Regulation No. 22

Nummer der Genehmigung: **E1\*22R05/03\*300517\*04**  
Approval No.

1. Fabrik- oder Handelsmarke:  
Trade name or mark:  
**LS2, MHR, TAKAI**

2. Typ:  
Type:  
**MX1299**

Handelsbezeichnung(en):  
General commercial description(s):  
**MX437, MX437J, MX1299, MX437-10, MX437-11,  
GATE, MX437-12, MX437-13, GATE YOUTH,  
FAST, FAST EVO, FAST MINI**

**Aufnahme weiterer Handelsbezeichnungen**  
**inclusion of further general commercial descriptions**



# Kraftfahrt-Bundesamt

DE-24932 Flensburg

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Nummer der Genehmigung: E1\*22R05/03\*300517\*04

Approval No.:

3. Größen:  
Sizes:  
**MX1299, MX437, MX437-10, MX437-12, GATE, FAST, FAST EVO:  
XXS(51/52), XS(53/54), S(55/56), M(57/58), L(59/60), XL(61/62), XXL(63/64),  
XXXL(65/66)**  
  
**MX437J, MX437-11, MX437-13, GATE YOUTH, FAST MINI:  
S(51/52), M(53/54), L(55/56)**
4. Name des Herstellers:  
Manufacturer's name:  
**JIANGMEN PENGCHENG HELMETS LTD.  
CN-Gonghe Town, Heshan City**
5. Anschrift:  
Address:  
**(s. 4.)**
6. Gegebenenfalls Name des Vertreters des Herstellers:  
If applicable, name of manufacturer's representative:  
**entfällt  
not applicable**
7. Anschrift:  
Address:  
**(s. 6.)**
8. Kurze Beschreibung des Helms:  
Brief description of helmet:  
**siehe Anlagen  
see enclosures**
9. Helm mit schützender unterer Gesichtsabdeckung **(P)**  
Helmet with protective lower face cover **(P)**
10. Visiertyp oder Visiertypen:  
Type of visor or visors:  
**entfällt  
not applicable**
11. Kurze Beschreibung des Visiers oder der Visiere:  
Brief description of visor or visors:  
**entfällt  
not applicable**



# Kraftfahrt-Bundesamt

DE-24932 Flensburg

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3

Nummer der Genehmigung: E1\*22R05/03\*300517\*04

Approval No.:

12. Zur Genehmigung vorlegt am:  
Submitted for approval on:  
**05.08.2019**
13. Technischer Dienst, der die Prüfungen für die Genehmigungen durchführt:  
Technical service responsible for conducting approval tests:  
**SGS-TÜV Saar GmbH**  
**DE-81379 München**
14. Datum des Gutachtens des Technischen Dienstes:  
Date of report issued by that service:  
**02.08.2019**
15. Nummer des Gutachtens des Technischen Dienstes:  
Number of report issued by that service:  
**SHHOM150800286-04**
16. Bemerkungen:  
Comments:  
**entfällt**  
**not applicable**
17. Die Genehmigung wird **erweitert**  
Approval **extended**



# Kraftfahrt-Bundesamt

DE-24932 Flensburg

4

Nummer der Genehmigung: E1\*22R05/03\*300517\*04

Approval No.:

18. Ort: **DE-24932 Flensburg**  
Place:

19. Datum: **15.08.2019**  
Date:

20. Unterschrift: **Im Auftrag**  
Signature:

  
(D. Stieglitz)



21. Folgende mit der oben erwähnten Genehmigungsnummer versehene Dokumente sind auf Anforderung erhältlich.  
The following documents, bearing the approval number shown above, are available on request:

**Nebenbestimmungen und Rechtsbehelfsbelehrung**  
**Collateral clauses and instruction on right to appeal**

**1 Prüfbericht mit Anlagen**  
**1 Test report with appendices**

**1 Beschreibungsmappe R22-MX1299-04 (25 Blatt)**  
**1 Information folder R22-MX1299-04 (25 sheets)**



# Kraftfahrt-Bundesamt

DE-24932 Flensburg

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Nr. der Genehmigung: E1\*22R05/03\*300517\*04

Approval No.:

## - Anlage -

### Nebenbestimmungen und Rechtsbehelfsbelehrung

#### Nebenbestimmungen

Die Einzelerzeugnisse der reihenweisen Fertigung müssen mit den Genehmigungsunterlagen genau übereinstimmen. Die in der bisherigen Genehmigung enthaltenen Auflagen gelten auch für diese Erweiterung.

#### Rechtsbehelfsbelehrung

Gegen diese Genehmigung kann innerhalb eines Monats nach Bekanntgabe Widerspruch erhoben werden. Der Widerspruch ist **beim Kraftfahrt-Bundesamt, Fördestraße 16, DE-24944 Flensburg**, schriftlich oder zur Niederschrift einzulegen.

## - Attachment -

### 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. The requirements contained in the previous approval are also valid for this amendment.

#### 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 **Kraftfahrt-Bundesamt, Fördestraße 16, DE-24944 Flensburg**.

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# Technical Report

Test standard:  
**ECE Regulation No. 22**

Level of amendment:  
**Supplement 3 to the 05 series of amendments**

Title:  
**Protective helmets and their visors**

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Manufacturer:  
**Jiangmen Pengcheng Helmets Co., Ltd.**

Type:  
**MX1299**

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Subject of testing:  
Component

## 0 General

|       |                                                            |                                                                                                                   |
|-------|------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| 0.1   | Make (trade name of manufacturer):                         | LS2, MHR, TAKAI                                                                                                   |
| 0.2   | Type:                                                      | MX1299                                                                                                            |
| 0.2.1 | Commercial description:                                    | MX437, MX437J, MX1299, MX437-10, MX437-11, GATE, MX437-12, MX437-13, GATE YOUTH, <b>FAST, FAST EVO, FAST MINI</b> |
| 0.3   | Means of identification of type, if marked on the vehicle: | n.a.                                                                                                              |
| 0.3.1 | Location of that marking:                                  | n.a.                                                                                                              |
| 0.4   | Category of vehicle:                                       | n.a.                                                                                                              |
| 0.5   | Manufacturer's name and address:                           | Jiangmen Pengcheng Helmets Co., Ltd.<br>Industrial Park East, Gonghe Town, Heshan City Guangdong Province, China  |
| 0.8   | Address of assembly plant:                                 | Jiangmen Pengcheng Helmets Co., Ltd.<br>Industrial Park East, Gonghe Town, Heshan City Guangdong Province, China  |
| 0.9   | Name and address of representative:                        | n.a.                                                                                                              |
|       | Location of the ECE approval mark:                         | refer to information document                                                                                     |

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**1 Test record**

See appendix

**2 Attachments**

2.1 List of modifications:

2.2 Information folder:

No.: **R22-MX1299-04**

Date of issue: **25.07.2019**

**3 Statement of conformity**

The information folder as mentioned under no. 2.2 and the type described therein are in compliance with the test standard mentioned above.

With regard to the required level of performance to be achieved, the test specimen were representative for the type to be approved.

The tests were carried out in accordance to the relevant requirements of the

☐ EN ISO/IEC 17025:2005 ☒ EN ISO/IEC 17020:2012

**Test Laboratory  
SGS-TÜV Saar GmbH**

notified by

Kraftfahrt-Bundesamt (KBA),  
Federal Republic of Germany

No. KBA - P 00084 – 10

National Standards  
Authority of Ireland (NSAI)

No. 101

Rijksdienst voor het Wegverkeer  
(RDW),  
The Netherlands

No. 99050064 00

**Responsible expert****Signature**

Lell Wu

Aug 02, 2019

**Conformity check****Signature**

Doris Yang

Aug 05, 2019

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## Test record

### 1 Test object and measuring equipment

#### 1.1 Test object

- ☒ Protective helmet (without visor)  
☐ Protective helmet (with visor)  
☐ Visor

#### 1.1.1 Protective Helmet

Type:

MX1299

Sizes:

MX1299, MX437, MX437-10, MX437-12, GATE, **FAST, FAST EVO**: XXS(51/52), XS(53/54), S(55/56), M(57/58), L(59/60), XL(61/62), XXL(63/64), XXXL(65/66)

Lower face cover:

MX437J, MX437-11, MX437-13, GATE YOUTH, **FAST MINI**: S(51/52), M(53/54), L(55/56)

- ☐ Without lower face cover (J)  
☒ Protective (P)  
☐ Non protective (NP)

#### 1.1.2 Helmet visor

☒ n.a.

#### 1.1.3 Sun shade

The helmet is equipped with a swivel-mounted sun shade, which may only be used in combination with the visor in closed position according to the user manual

- ☐ On the inner side of the visor  
☐ On the outer side of the visor  
☒ Not applicable

#### 1.1.4 Remarks:

n.a.

### 1.2 Equipments for measuring and testing:

#### 1.2.1 Test equipment:

The equipment and the test facilities on which the tests were carried out fulfilled the requirements of the ECE Regulation 22.05

#### 1.2.2 Measurement procedure:

according to ECE Regulation No. 22.05



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|   |                   |                                                                                                                                                                |
|---|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2 | Test Results      | Due to the reason of extension (see list of modifications), no further tests were required according to this regulation. The former test results remain valid. |
| 3 | Other information |                                                                                                                                                                |
|   | Place of testing: | SGS CSTC Guangzhou, P.R. China                                                                                                                                 |
|   | Date of testing:  | n.a.                                                                                                                                                           |
| 4 | Remarks:          | ---                                                                                                                                                            |



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### List of modifications

- |   |                  |                                                            |
|---|------------------|------------------------------------------------------------|
| 1 | Correction of:   | Correct Drawing at Annex 1 of the information document     |
| 2 | Modification of: | Modify Description at Annex 3 of the information document; |
| 3 | Addition of:     | Commercial description(s) add "FAST, FAST EVO, FAST MINI"  |
| 4 | Deletion of:     | n.a.                                                       |

## INFORMATION DOCUMENT

No.: R22-MX1299-04



**Jiangmen Pengcheng Helmets Co., Ltd.**

**TYPE: MX1299**

Protective helmet without visor  
pursuant to

**Regulation No. 22**

UNIFORM PROVISIONS CONCERNING THE APPROVAL OF  
PROTECTIVE HELMETS AND THEIR VISORS FOR DRIVERS AND  
PASSENGERS OF MOTORCYCLES AND MOPEDS

Signature of a responsible person:

A handwritten signature in black ink, appearing to be 'J. Pengcheng', written over a horizontal line.

Date: 25.07.2019

**Reason of extension:**

**Correction:** Correct Drawing at Annex 1 of the information document

**Modification:** Modify Description at Annex 3 of the information document;

**Addition:** Commercial description(s) add "FAST, FAST EVO, FAST MINI"

**Deletion:** n.a.

Type : MX1299  
 Manufacture : Jiangmen Pengcheng Helmets Co., Ltd.

Date:25.07.2019  
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## 0 GENERAL INFORMATION

- 0.1 Make (trade name of manufacturer) : LS2, MHR, TAKAI
- 0.2 Type : MX1299
- 0.2.1 Commercial description(s) : MX437, MX437J, MX1299, MX437-10, MX437-11, GATE, MX437-12, MX437-13, GATE YOUTH, **FAST, FAST EVO, FAST MINI**
- 0.3 Variants / Versions : n.a.
- 0.4 Name and address of manufacturer : Jiangmen Pengcheng Helmets Co., Ltd.  
Industrial Park East, Gonghe Town, Heshan City Guangdong Province, China
- 0.5 Name and address of assembly plant : Jiangmen Pengcheng Helmets Co., Ltd.  
Industrial Park East, Gonghe Town, Heshan City Guangdong Province, China
- 0.6 Name and address of manufacturer's authorized representative (if any) : n.a.
- 0.7 Location and method of affixing of the international approval mark : Marked in a label sewn on the retention system chin strap, see Annex 5

## 1 TECHNICAL DESCRIPTION

- 1.1 Description of the helmet
  - 1.1.1 Type of helmet : Full face
  - 1.1.2 Type of lower face cover : "P" protective
  - 1.1.3 Size (s) : MX1299, MX437, MX437-10, MX437-12, GATE, **FAST, FAST EVO**: XXS(51/52), XS(53/54), S(55/56), M(57/58), L(59/60), XL(61/62), XXL(63/64), XXXL(65/66)  
  
MX437J, MX437-11, MX437-13, GATE YOUTH, **FAST MINI**: S(51/52), M(53/54), L(55/56)
  - 1.1.4 Drawing of the helmet : See Annex 1
- 1.2 Description of the visor : n.a.
- 1.3 Description of the shell
  - 1.3.1 Material : ABS
  - 1.3.2 Manufacture method : Injection
  - 1.3.3 Ventilation : See Annex 1
  - 1.3.4 Composition of the border join on the shell : PVC
  - 1.3.5 Drawing of the shell : See Annex 2

Type : MX1299  
 Manufacture : Jiangmen Pengcheng Helmets Co., Ltd.

Date:25.07.2019  
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#### 1.4 Description of protective padding

1.4.1 Composition : Expanded polystyrene  
 1.4.2 Density and weight :

MX1299, MX437, MX437-10, MX437-12, GATE, **FAST, FAST EVO:**

| Size (cm)   | Shell size | Comfort padding thickness (Main) (mm) | Protective padding Density (Main +Ear + Top) (Kg/m <sup>3</sup> ) | Protective padding Thickness (mm) | Protective padding Weight (Main +Ear + Top) (grams) |
|-------------|------------|---------------------------------------|-------------------------------------------------------------------|-----------------------------------|-----------------------------------------------------|
| XXS(51/52)  | S-XXS      | 16                                    | 40+40+85                                                          | 30-35                             | 103.4+28.5+5.0                                      |
| XS(53/54)   | S-XXS      | 12                                    | 40+40+85                                                          | 30-35                             | 103.4+28.5+5.0                                      |
| S(55/56)    | S-XXS      | 8                                     | 40+40+85                                                          | 30-35                             | 100.2+26+5.0                                        |
| M(57/58)    | L-M        | 12                                    | 45+70+85                                                          | 30-35                             | 135.8+37.9+5.0                                      |
| L(59/60)    | L-M        | 8                                     | 60+80+85                                                          | 30-35                             | 178.8+43.1+5.0                                      |
| XL(61/62)   | XXXL-XL    | 12                                    | 55+80+85                                                          | 30-35                             | 171.4+54.4+5.0                                      |
| XXL(63/64)  | XXXL-XL    | 8                                     | 55+80+85                                                          | 30-35                             | 173.6+47.6+5.0                                      |
| XXXL(65/66) | XXXL-XL    | 7                                     | 55+80+85                                                          | 30-35                             | 173.6+47.6+5.0                                      |

MX437J, MX437-11, MX437-13, GATE YOUTH, **FAST MINI:**

| Size (cm) | Shell size | Comfort padding thickness (Main) (mm) | Protective padding Density (Main +Ear + Top) (Kg/m <sup>3</sup> ) | Protective padding Thickness (mm) | Protective padding Weight (Main +Ear + Top) (grams) |
|-----------|------------|---------------------------------------|-------------------------------------------------------------------|-----------------------------------|-----------------------------------------------------|
| S(51/52)  | S-XXS      | 16                                    | 40+40+85                                                          | 30-35                             | 103.4+28.5+5.0                                      |
| M(53/54)  | S-XXS      | 12                                    | 40+40+85                                                          | 30-35                             | 103.4+28.5+5.0                                      |
| L(55/56)  | S-XXS      | 8                                     | 40+40+85                                                          | 30-35                             | 100.2+26+5.0                                        |

1.4.3 Drawing of the protective padding : See Annex 3

#### 1.5 Description of comfort padding

1.5.1 Composition of  
 Comfort padding : Compound sponge  
 Comfort tissue : Nylon  
 Protection of the back of the nape : Sponge, textile and leather  
 Lateral packing : EPS and compound sponge  
 Lower face cover : EPS and PU

1.5.2 Drawing of the comfort padding : See Annex 4

#### 1.6 Description of the retention system

##### 1.6.1 Chin strap

Material : Nylon  
 Width : 22 mm or 25 mm

1.6.2 Retention system : Type 1: Double-D ring with 25mm Chin strap

Type 2: No.15 quick release mechanism with 22mm Chin strap

Type 3: No.17 quick release mechanism with 22mm Chin strap

Type 4: Double-D-1 ring with 25mm Chin strap



Type : MX1299  
Manufacture : Jiangmen Pengcheng Helmets Co., Ltd.

Date:25.07.2019

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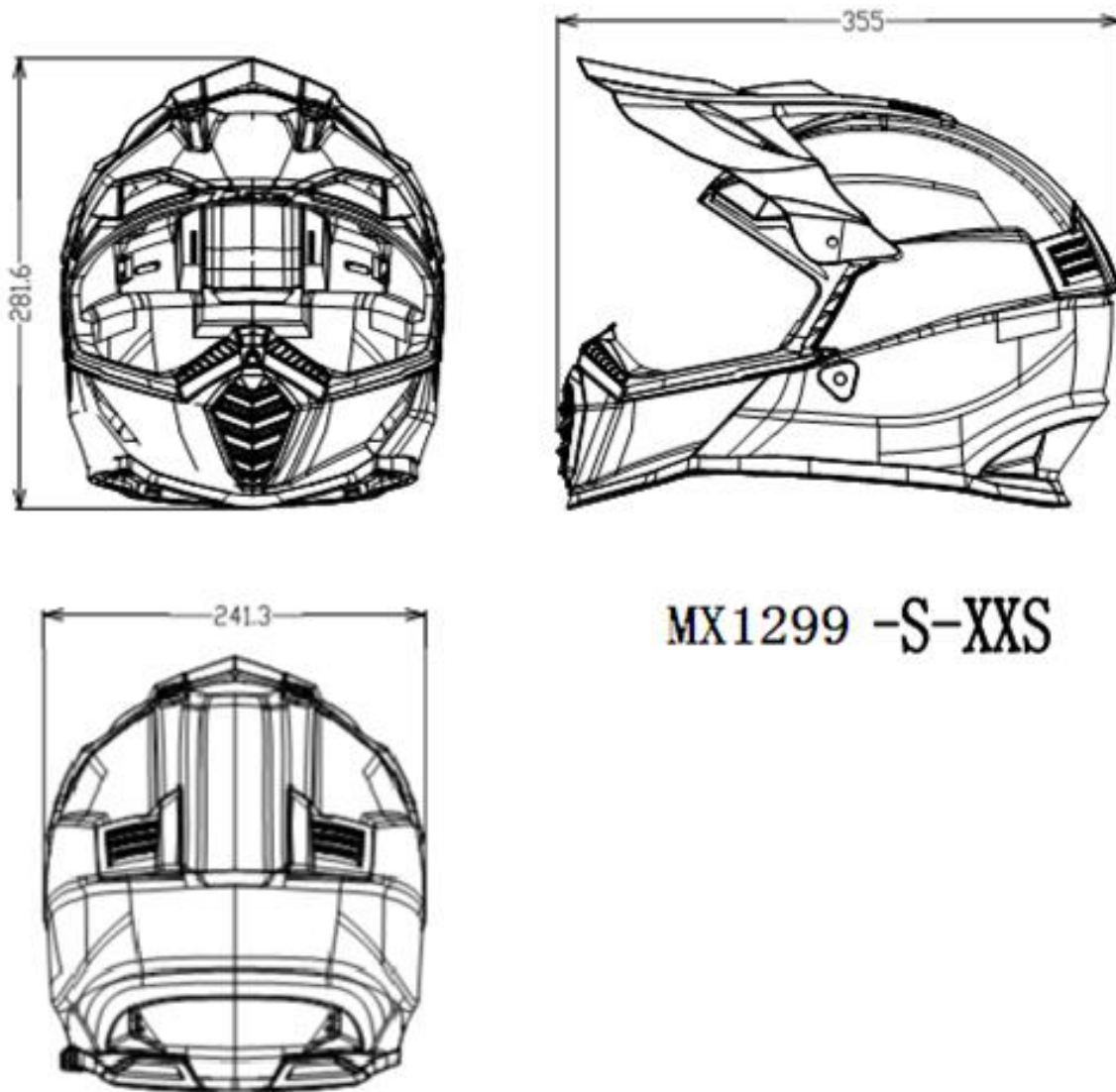
- 1.6.3 Comfort padding of the retention system
  - Composition : Leather and textile
  - Thickness : 3 mm
- 1.6.4 Anchorage system to the shell : By means of a metallic piece fixed to the shell by rivets
- 1.6.5 Drawing of the retention system : See Annex 5
- 1.7 Other Characteristics
- 1.7.1 Markings
  - Make : Rear part of the shell
  - Weight : Rear part of the shell
  - Size : Rear part of the shell
- 1.7.2 Indelible marking
  - How it is made : Sewing
  - Position : On the chin strap
- 1.8 Accessories
- 1.8.1 Peak : Available
- 1.8.2 Information for wearer
  - 1.8.2.1 Text : See Annex 6
  - 1.8.2.2 Position : Hang on chin strap

## ANNEXS

|         |                                                                  |                   |
|---------|------------------------------------------------------------------|-------------------|
| Annex 1 | <b>Drawing of the helmet</b>                                     | <b>25.07.2019</b> |
| Annex 2 | Drawing of the shell                                             |                   |
|         | MX1299 S-XXS Shell                                               | 25.05.2019        |
|         | MX1299 L-M Shell                                                 | 25.05.2019        |
|         | MX1299 XXXL-XL Shell                                             | 25.05.2019        |
| Annex 3 | Drawing of the protective padding                                |                   |
|         | MX1299 XXXL-XXL Protective padding                               | 25.05.2019        |
|         | MX1299 XL Protective padding                                     | 25.05.2019        |
|         | MX1299 L Protective padding                                      | 25.05.2019        |
|         | MX1299 M Protective padding                                      | 25.05.2019        |
|         | <b>MX1299 S &amp; MX437J L Protective padding</b>                | <b>25.07.2019</b> |
|         | <b>MX1299 XS-XXS &amp; MX437J M-S Protective padding</b>         | <b>25.07.2019</b> |
|         | <b>MX1299 XXXL-XXS &amp; MX437J L-S Mouth Protective padding</b> | <b>25.07.2019</b> |
| Annex 4 | Drawing of the comfort padding                                   | 25.05.2019        |
| Annex 5 | Drawing of the retention system                                  |                   |
|         | Retention system type: 15 Buckle                                 | 18.08.2015        |
|         | Retention system type: 17 Buckle                                 | 18.08.2015        |
|         | Retention system type: Double "D" Ring                           | 18.08.2015        |
|         | Retention system type: Double D-1 Ring                           | 15.07.2016        |
| Annex 6 | Information for wearer                                           | 25.05.2019        |

## Annex 1: Drawing of the helmet

Annex 2: Drawing of the shell



Unit: mm

| Number        | Name                                                                    | Parameter   | Number       | Name         | Parameter  |
|---------------|-------------------------------------------------------------------------|-------------|--------------|--------------|------------|
| 1             | Shell                                                                   | ABS         |              |              |            |
| Description   | MX1299 S-XXS Shell                                                      |             | Code No.:    | MX1299.2.1   |            |
| Manufacturer: | Jiangmen Pengcheng Helmets Co., Ltd.                                    |             |              |              |            |
| Address:      | Industrial Park East, Gonghe Town, Heshan City Guagdong Province, China |             |              |              |            |
| Drawn by:     | Xinsheng Liu                                                            | Checked by: | Xinsheng Liu | Approved by: | YouJunFeng |
| Date:         | 25.05.2019                                                              | Date:       | 25.05.2019   | Date:        | 25.05.2019 |

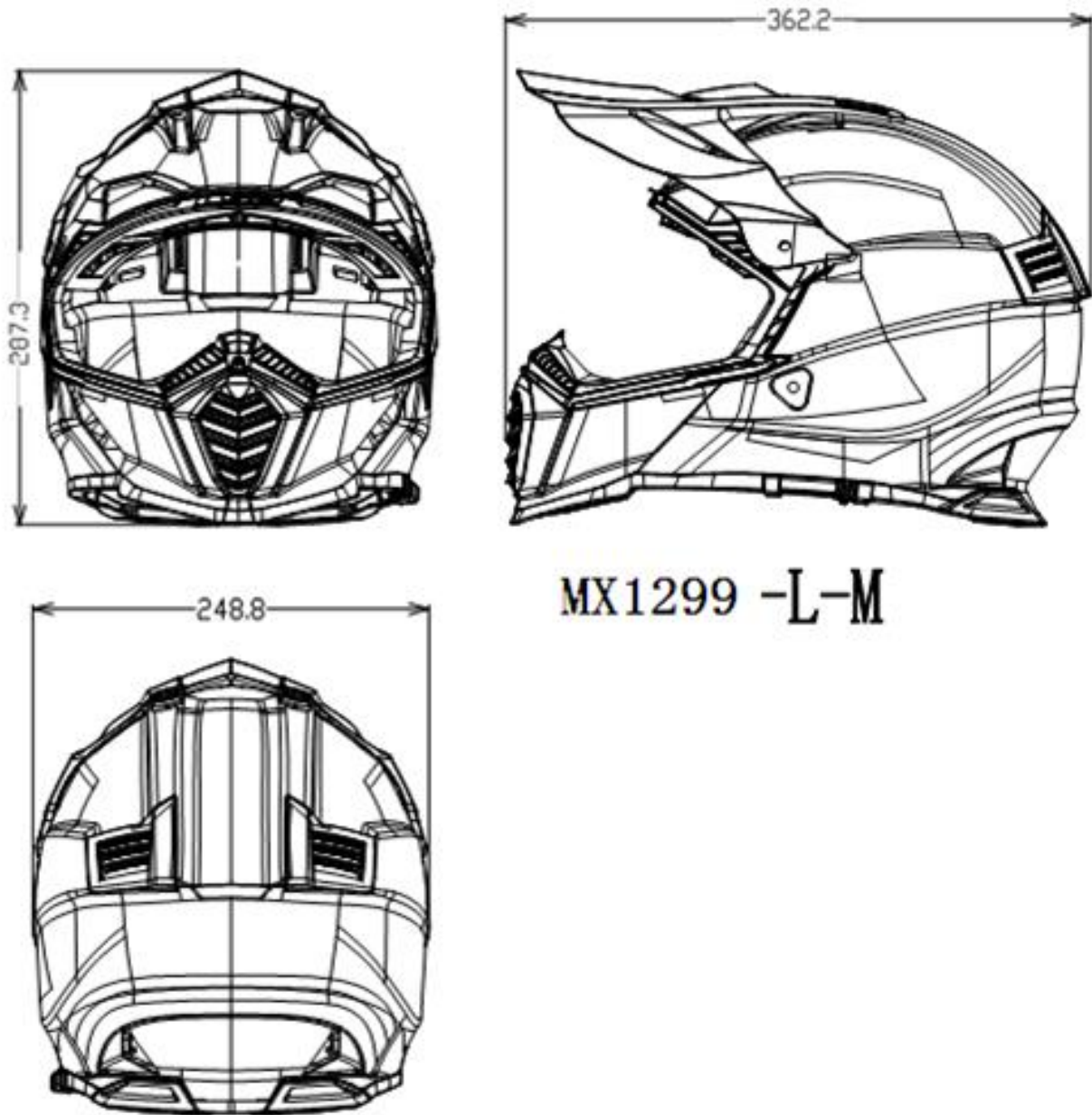
# INFORMATION DOCUMENT

R22-MX1299-04



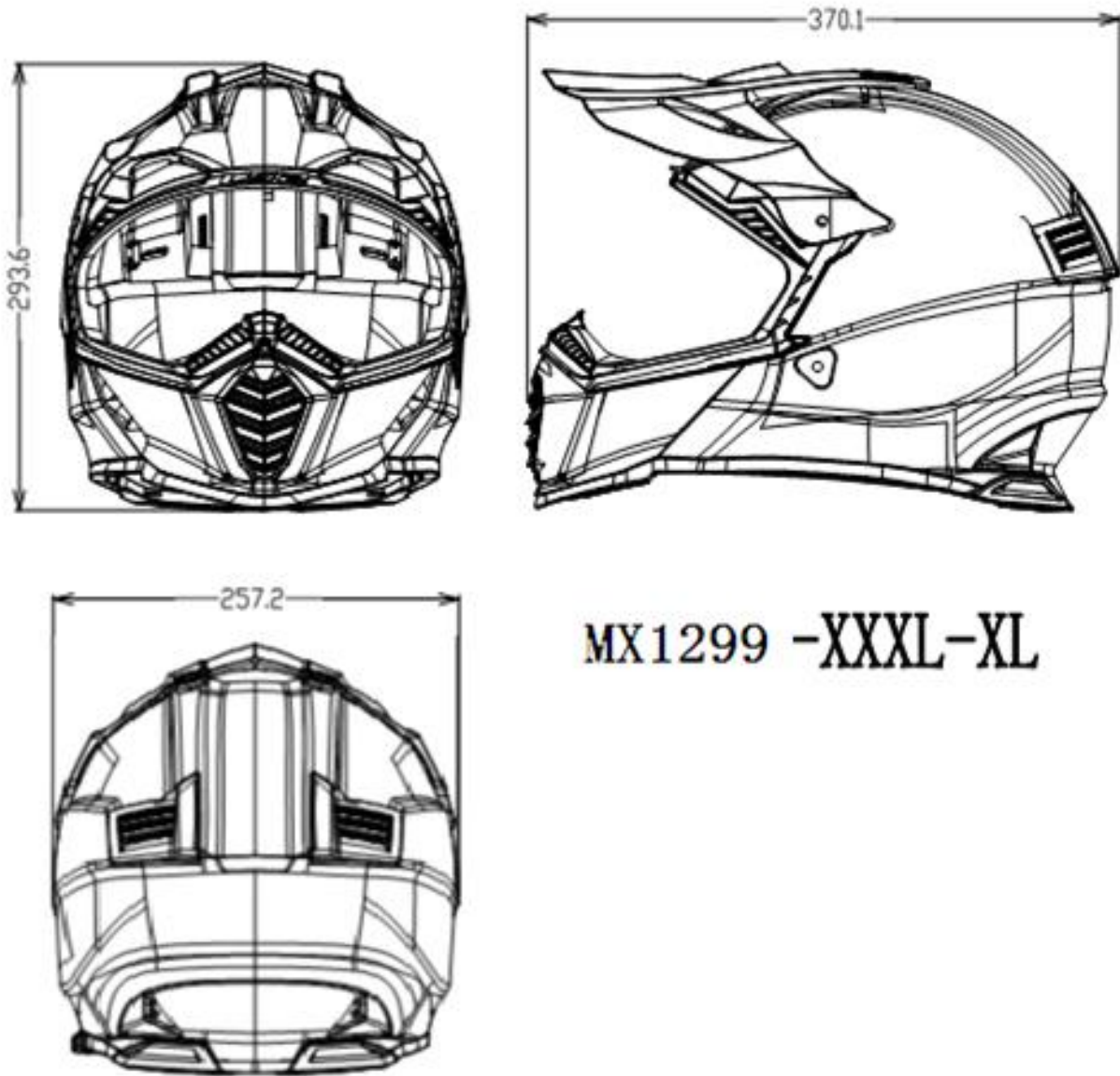
Type : MX1299  
 Manufacture : Jiangmen Pengcheng Helmets Co., Ltd.

Date:25.07.2019  
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Unit: mm

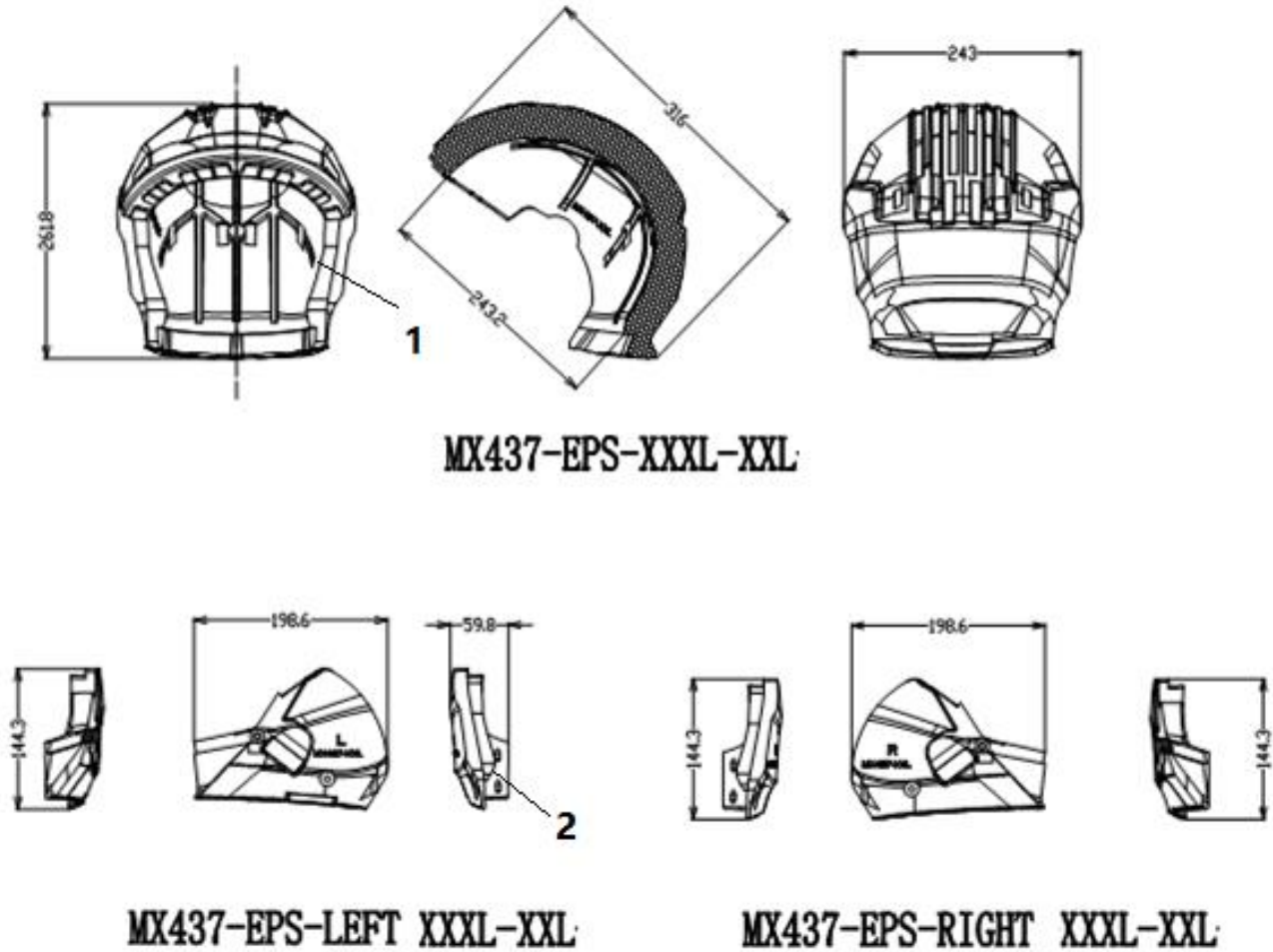
| Number        | Name                                                                    | Parameter   | Number       | Name         | Parameter  |
|---------------|-------------------------------------------------------------------------|-------------|--------------|--------------|------------|
| 1             | Shell                                                                   | ABS         |              |              |            |
| Description   | MX1299 L-M Shell                                                        |             | Code No.:    | MX1299.2.2   |            |
| Manufacturer: | Jiangmen Pengcheng Helmets Co., Ltd.                                    |             |              |              |            |
| Address:      | Industrial Park East, Gonghe Town, Heshan City Guagdong Province, China |             |              |              |            |
| Drawn by:     | Xinsheng Liu                                                            | Checked by: | Xinsheng Liu | Approved by: | YouJunFeng |
| Date:         | 25.05.2019                                                              | Date:       | 25.05.2019   | Date:        | 25.05.2019 |



Unit: mm

| Number        | Name                                                                    | Parameter   | Number       | Name         | Parameter  |
|---------------|-------------------------------------------------------------------------|-------------|--------------|--------------|------------|
| 1             | Shell                                                                   | ABS         |              |              |            |
| Description   | MX1299 XXXL-XL Shell                                                    |             | Code No.:    | MX1299.2.3   |            |
| Manufacturer: | Jiangmen Pengcheng Helmets Co., Ltd.                                    |             |              |              |            |
| Address:      | Industrial Park East, Gonghe Town, Heshan City Guagdong Province, China |             |              |              |            |
| Drawn by:     | Xinsheng Liu                                                            | Checked by: | Xinsheng Liu | Approved by: | YouJunFeng |
| Date:         | 25.05.2019                                                              | Date:       | 25.05.2019   | Date:        | 25.05.2019 |

Annex 3: Drawing of the protective padding



Unit: mm

| Number        | Name                                                                    | Parameter            | Number       | Name                   | Parameter            |  |  |
|---------------|-------------------------------------------------------------------------|----------------------|--------------|------------------------|----------------------|--|--|
| 1             | Main Protective padding                                                 | Expanded polystyrene | 2            | Ear Protective padding | Expanded polystyrene |  |  |
| Description   | MX1299 XXXL-XXL Main and Ear Protective padding                         |                      | Code No.:    | MX1299.3.1             |                      |  |  |
| Manufacturer: | Jiangmen Pengcheng Helmets Co., Ltd.                                    |                      |              |                        |                      |  |  |
| Address:      | Industrial Park East, Gonghe Town, Heshan City Guagdong Province, China |                      |              |                        |                      |  |  |
| Drawn by:     | Xinsheng Liu                                                            | Checked by:          | Xinsheng Liu | Approved by:           | YouJunFeng           |  |  |
| Date:         | 25.05.2019                                                              | Date:                | 25.05.2019   | Date:                  | 25.05.2019           |  |  |

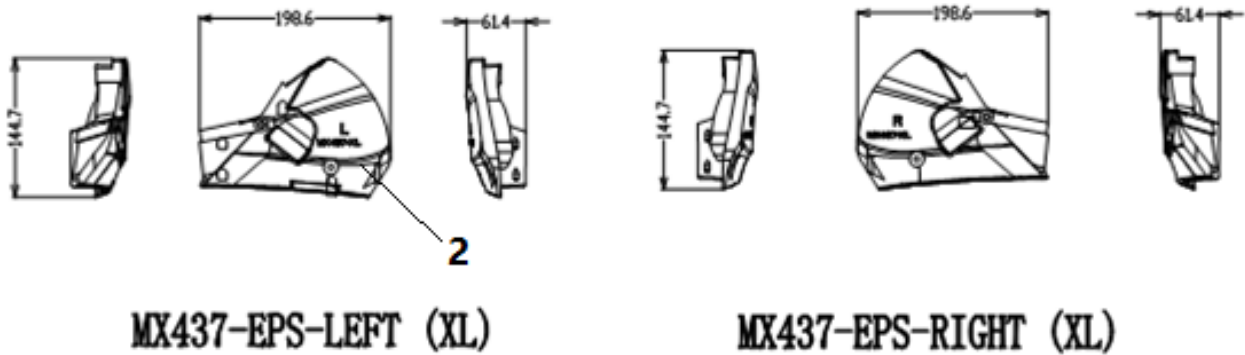
# INFORMATION DOCUMENT

R22-MX1299-04



Type : MX1299  
 Manufacture : Jiangmen Pengcheng Helmets Co., Ltd.

Date:25.07.2019  
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Unit: mm

| Number        | Name                                                                     | Parameter            | Number       | Name                   | Parameter            |
|---------------|--------------------------------------------------------------------------|----------------------|--------------|------------------------|----------------------|
| 1             | Main Protective padding                                                  | Expanded polystyrene | 2            | Ear Protective padding | Expanded polystyrene |
| Description   | MX1299 XL Main and Ear Protective padding                                |                      | Code No.:    | MX1299.3.2             |                      |
| Manufacturer: | Jiangmen Pengcheng Helmets Co., Ltd.                                     |                      |              |                        |                      |
| Address:      | Industrial Park East, Gonghe Town, Heshan City Guangdong Province, China |                      |              |                        |                      |
| Drawn by:     | Xinsheng Liu                                                             | Checked by:          | Xinsheng Liu | Approved by:           | YouJunFeng           |
| Date:         | 25.05.2019                                                               | Date:                | 25.05.2019   | Date:                  | 25.05.2019           |

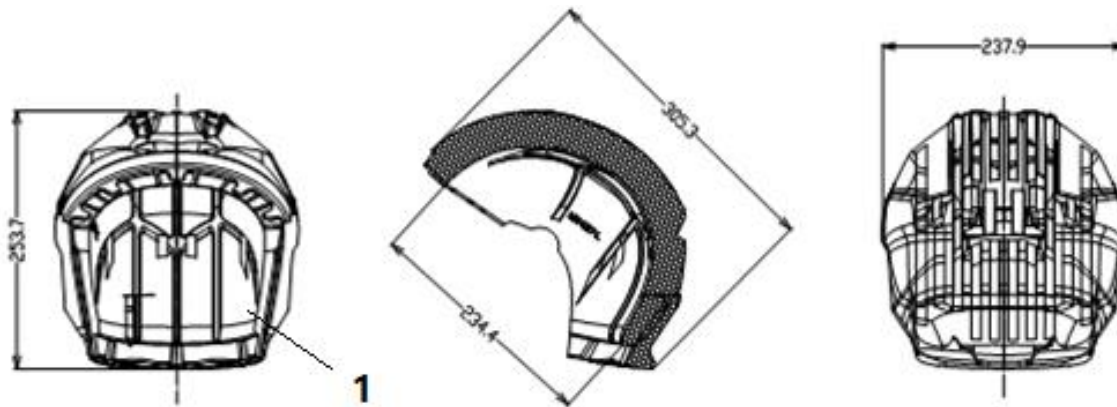
# INFORMATION DOCUMENT

R22-MX1299-04

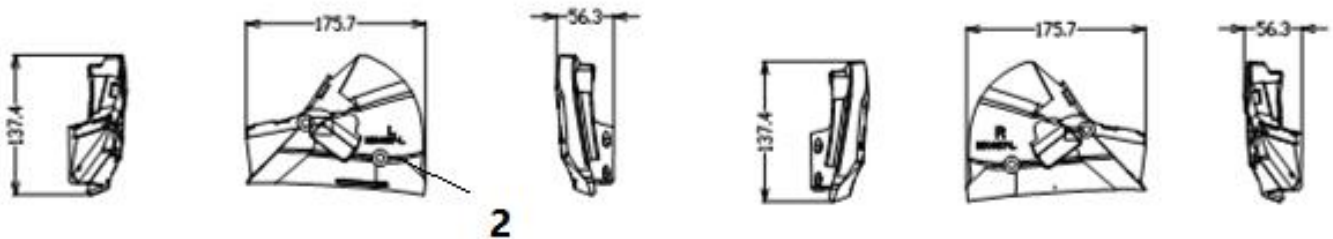


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MX437-EPS-L



MX437-EPS-LEFT (L)

MX437-EPS-RIGHT (L)

Unit: mm

| Number        | Name                                                                    | Parameter            | Number       | Name                   | Parameter            |
|---------------|-------------------------------------------------------------------------|----------------------|--------------|------------------------|----------------------|
| 1             | Main Protective padding                                                 | Expanded polystyrene | 2            | Ear Protective padding | Expanded polystyrene |
| Description   | MX1299 L Main and Ear Protective padding                                |                      | Code No.:    | MX1299.3.3             |                      |
| Manufacturer: | Jiangmen Pengcheng Helmets Co., Ltd.                                    |                      |              |                        |                      |
| Address:      | Industrial Park East, Gonghe Town, Heshan City Guagdong Province, China |                      |              |                        |                      |
| Drawn by:     | Xinsheng Liu                                                            | Checked by:          | Xinsheng Liu | Approved by:           | YouJunFeng           |
| Date:         | 25.05.2019                                                              | Date:                | 25.05.2019   | Date:                  | 25.05.2019           |

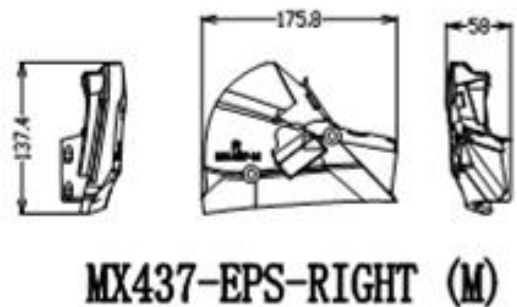
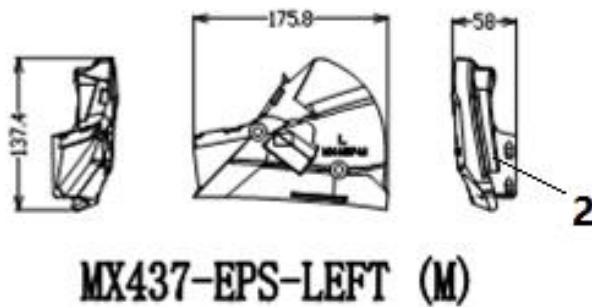
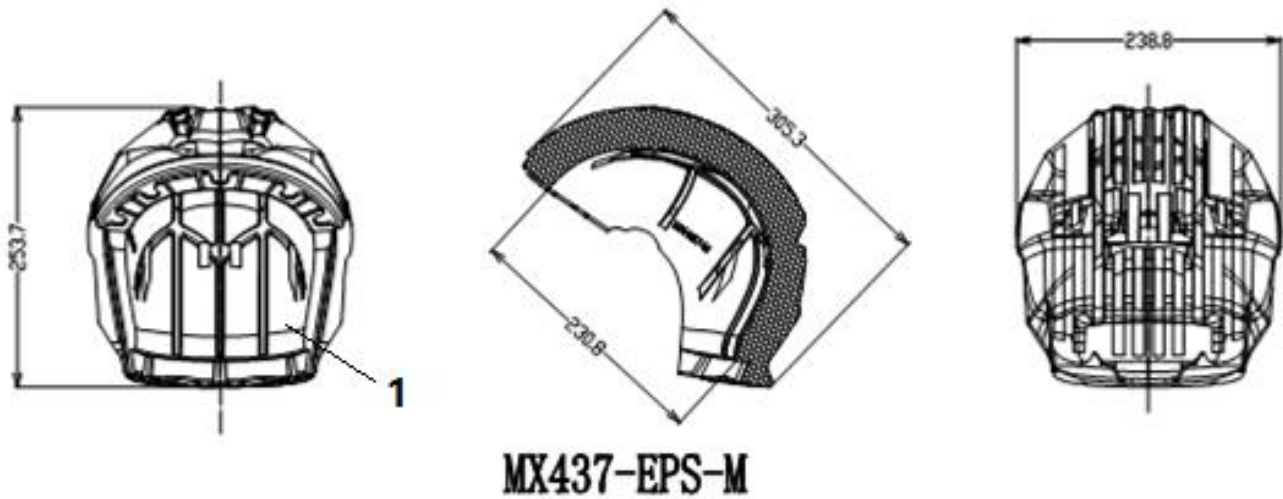
# INFORMATION DOCUMENT

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 Manufacture : Jiangmen Pengcheng Helmets Co., Ltd.

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Unit: mm

| Number        | Name                                                                    | Parameter            | Number       | Name                   | Parameter            |
|---------------|-------------------------------------------------------------------------|----------------------|--------------|------------------------|----------------------|
| 1             | Main Protective padding                                                 | Expanded polystyrene | 2            | Ear Protective padding | Expanded polystyrene |
| Description   | MX1299 M Main and Ear Protective padding                                |                      | Code No.:    | MX1299.3.4             |                      |
| Manufacturer: | Jiangmen Pengcheng Helmets Co., Ltd.                                    |                      |              |                        |                      |
| Address:      | Industrial Park East, Gonghe Town, Heshan City Guagdong Province, China |                      |              |                        |                      |
| Drawn by:     | Xinsheng Liu                                                            | Checked by:          | Xinsheng Liu | Approved by:           | YouJunFeng           |
| Date:         | 25.05.2019                                                              | Date:                | 25.05.2019   | Date:                  | 25.05.2019           |

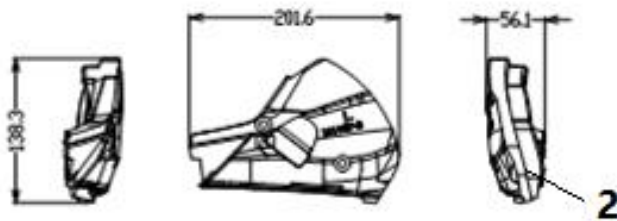
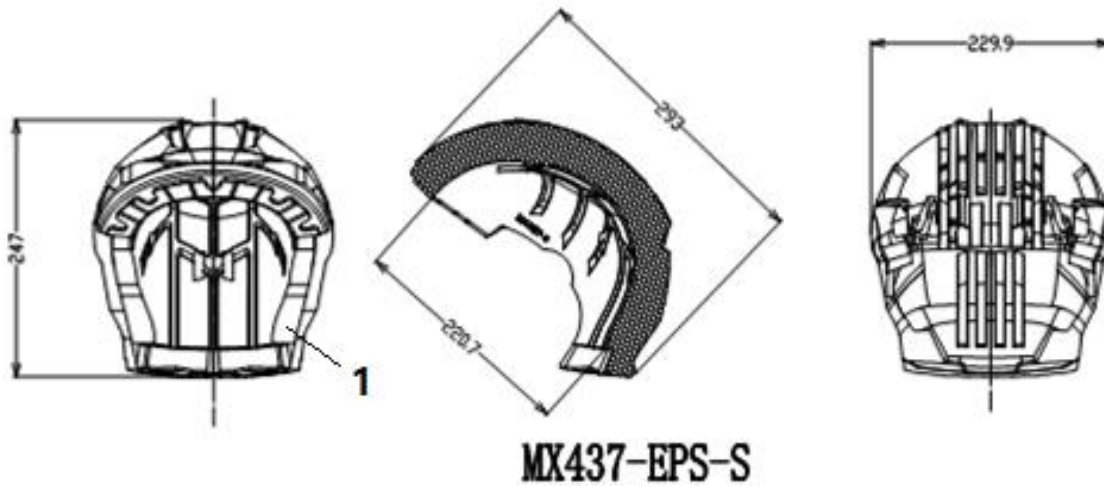
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R22-MX1299-04

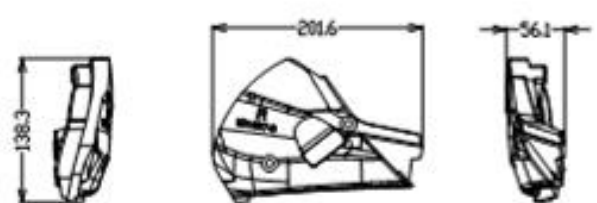


Type : MX1299  
 Manufacture : Jiangmen Pengcheng Helmets Co., Ltd.

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**MX437-EPS-LEFT (S)**



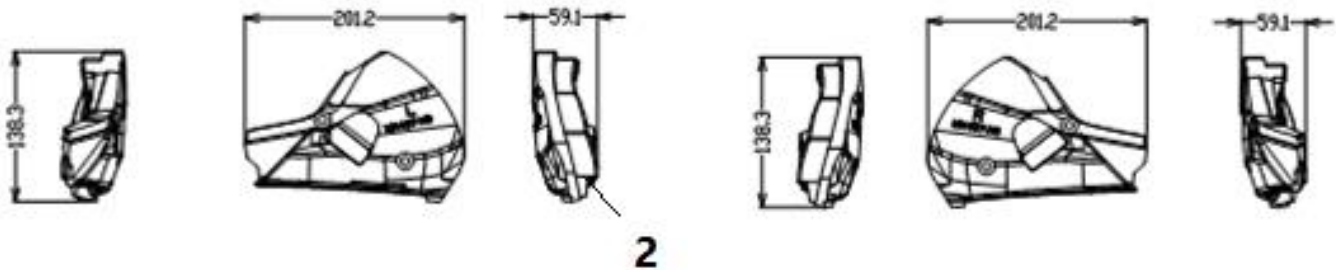
**MX437-EPS-RIGHT (S)**

Unit: mm

| Number        | Name                                                                    | Parameter            | Number       | Name                   | Parameter            |  |  |
|---------------|-------------------------------------------------------------------------|----------------------|--------------|------------------------|----------------------|--|--|
| 1             | Main Protective padding                                                 | Expanded polystyrene | 2            | Ear Protective padding | Expanded polystyrene |  |  |
| Description   | MX1299 S & MX437J L Main and Ear Protective padding                     |                      | Code No.:    | MX1299.3.5             |                      |  |  |
| Manufacturer: | Jiangmen Pengcheng Helmets Co., Ltd.                                    |                      |              |                        |                      |  |  |
| Address:      | Industrial Park East, Gonghe Town, Heshan City Guagdong Province, China |                      |              |                        |                      |  |  |
| Drawn by:     | Xinsheng Liu                                                            | Checked by:          | Xinsheng Liu | Approved by:           | Xing Chen            |  |  |
| Date:         | 25.07.2019                                                              | Date:                | 25.07.2019   | Date:                  | 25.07.2019           |  |  |



**MX437-EPS-XS-XXS**



**MX437-EPS-LEFT XS-XXS**

**MX437-EPS-RIGHT XS-XXS**

Unit: mm

| Number        | Name                                                                    | Parameter            | Number       | Name                   | Parameter            |
|---------------|-------------------------------------------------------------------------|----------------------|--------------|------------------------|----------------------|
| 1             | Main Protective padding                                                 | Expanded polystyrene | 2            | Ear Protective padding | Expanded polystyrene |
| Description   | MX1299 XS-XXS & MX437J M-S Main and Ear Protective padding              |                      | Code No.:    | MX1299.3.6             |                      |
| Manufacturer: | Jiangmen Pengcheng Helmets Co., Ltd.                                    |                      |              |                        |                      |
| Address:      | Industrial Park East, Gonghe Town, Heshan City Guagdong Province, China |                      |              |                        |                      |
| Drawn by:     | Xinsheng Liu                                                            | Checked by:          | Xinsheng Liu | Approved by:           | Xing Chen            |
| Date:         | 25.07.2019                                                              | Date:                | 25.07.2019   | Date:                  | 25.07.2019           |

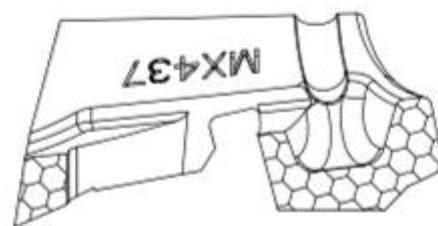
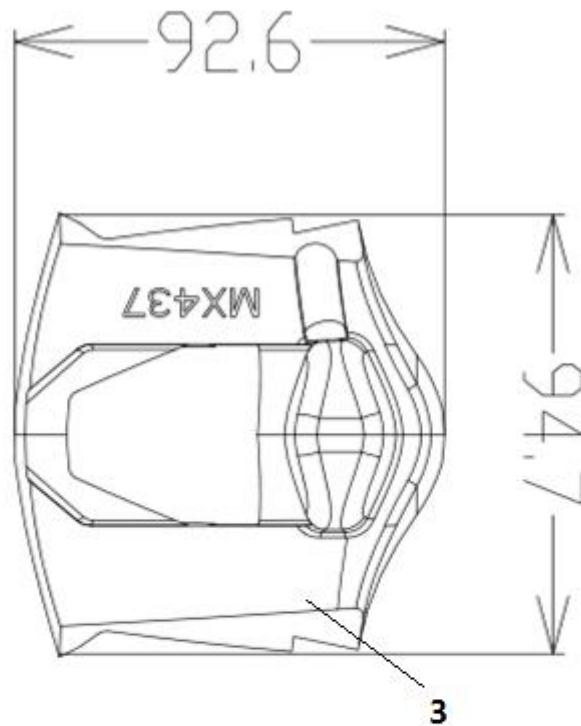
# INFORMATION DOCUMENT

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Type : MX1299  
 Manufacture : Jiangmen Pengcheng Helmets Co., Ltd.

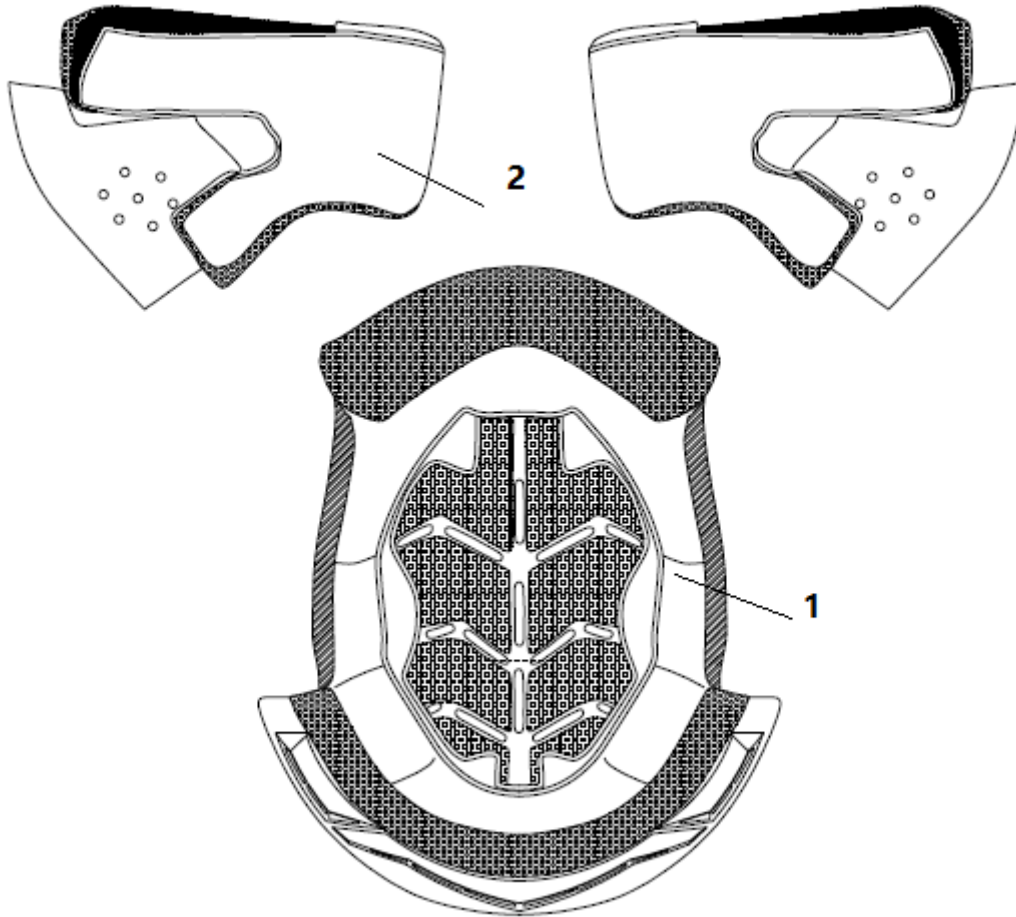
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Unit: mm

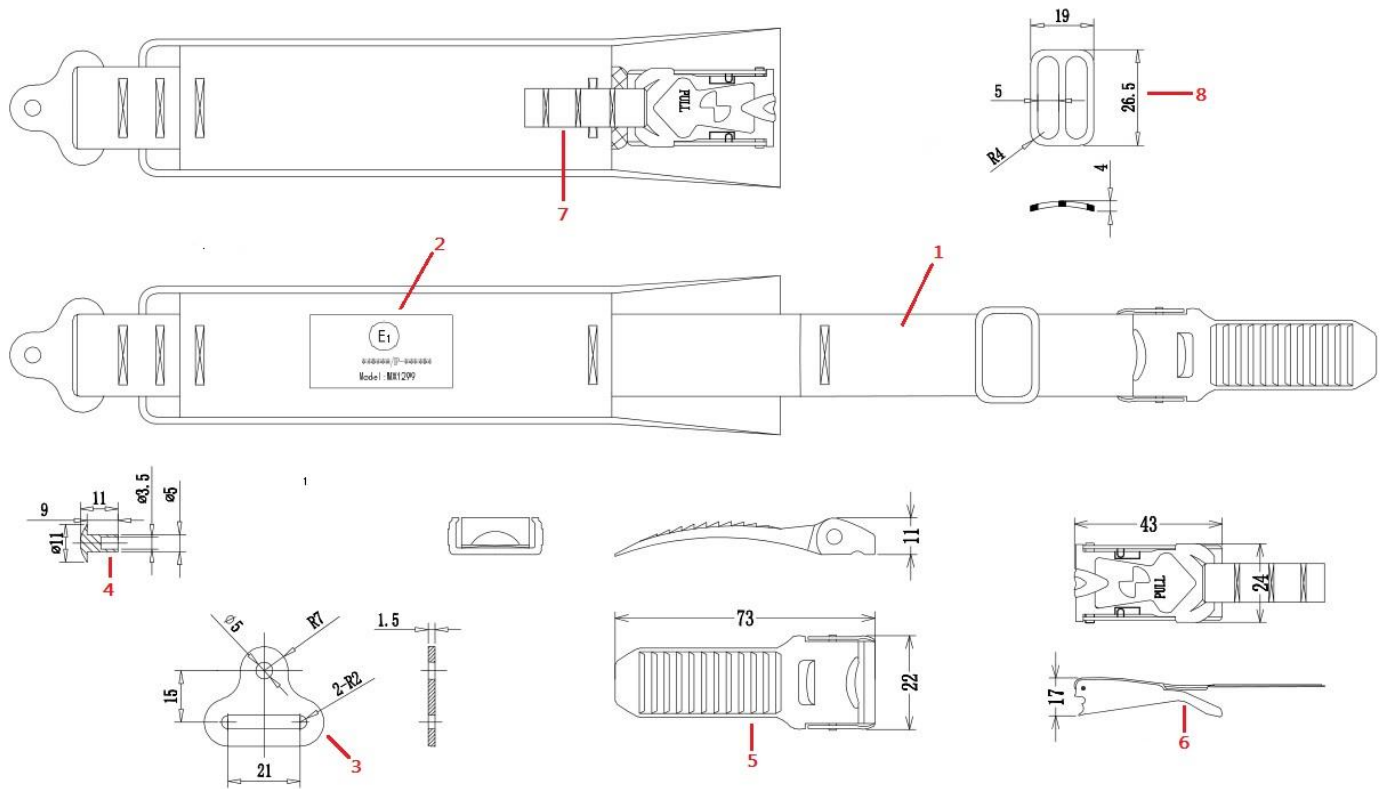
| Number        | Name                                                                    | Parameter            | Number       | Name         | Parameter  |
|---------------|-------------------------------------------------------------------------|----------------------|--------------|--------------|------------|
| 3             | Mouth Protective padding                                                | Expanded polystyrene |              |              |            |
| Description   | MX1299 XXXL-XXS & MX437J L-S Mouth Protective padding                   |                      | Code No.:    | MX1299.3.7   |            |
| Manufacturer: | Jiangmen Pengcheng Helmets Co., Ltd.                                    |                      |              |              |            |
| Address:      | Industrial Park East, Gonghe Town, Heshan City Guagdong Province, China |                      |              |              |            |
| Drawn by:     | Xinsheng Liu                                                            | Checked by:          | Xinsheng Liu | Approved by: | Xing Chen  |
| Date:         | 25.07.2019                                                              | Date:                | 25.07.2019   | Date:        | 25.07.2019 |

**Annex 4: Drawing of the comfort padding**



| Number        | Name                                                                    | Material                | Number       | Name                | Material                     |
|---------------|-------------------------------------------------------------------------|-------------------------|--------------|---------------------|------------------------------|
| 1             | Comfort padding                                                         | Compound sponge + Nylon | 2            | Ear Comfort padding | Compound sponge + Nylon + PP |
| Description   | MX1299 Comfort padding                                                  |                         | Code No.:    | MX1299.4            |                              |
| Manufacturer: | Jiangmen Pengcheng Helmets Co., Ltd.                                    |                         |              |                     |                              |
| Address:      | Industrial Park East, Gonghe Town, Heshan City Guagdong Province, China |                         |              |                     |                              |
| Drawn by:     | Xinsheng Liu                                                            | Checked by:             | Xinsheng Liu | Approved by:        | YouJunFeng                   |
| Date:         | 25.05.2019                                                              | Date:                   | 25.05.2019   | Date:               | 25.05.2019                   |

Annex 5: Drawing of the retention system



Unit: mm

| Number        | Name                                                                    | Material    | Number       | Name                 | Material              |
|---------------|-------------------------------------------------------------------------|-------------|--------------|----------------------|-----------------------|
| 1             | Chin strap                                                              | Nylon       | 5            | Slider               | Polycarbonate + Steel |
| 2             | ECE Marking                                                             | Cloth       | 6            | Quick release buckle | Polycarbonate + Steel |
| 3             | Hinge                                                                   | Steel       | 7            | Red small strap      | Nylon                 |
| 3             | Rivet                                                                   | Steel       | 8            | “B” Ring             | Nylon                 |
| Description   | MX1299 Retention system (No.15 quick release mechanism)                 |             | Code No.:    | MX1299.5.1           |                       |
| Manufacturer: | Jiangmen Pengcheng Helmets Co., Ltd.                                    |             |              |                      |                       |
| Address:      | Industrial Park East, Gonghe Town, Heshan City Guagdong Province, China |             |              |                      |                       |
| Drawn by:     | Xinsheng Liu                                                            | Checked by: | Xinsheng Liu | Approved by:         | Yun Wang              |
| Date:         | 26.07.2015                                                              | Date:       | 18.08.2015   | Date:                | 18.08.2015            |

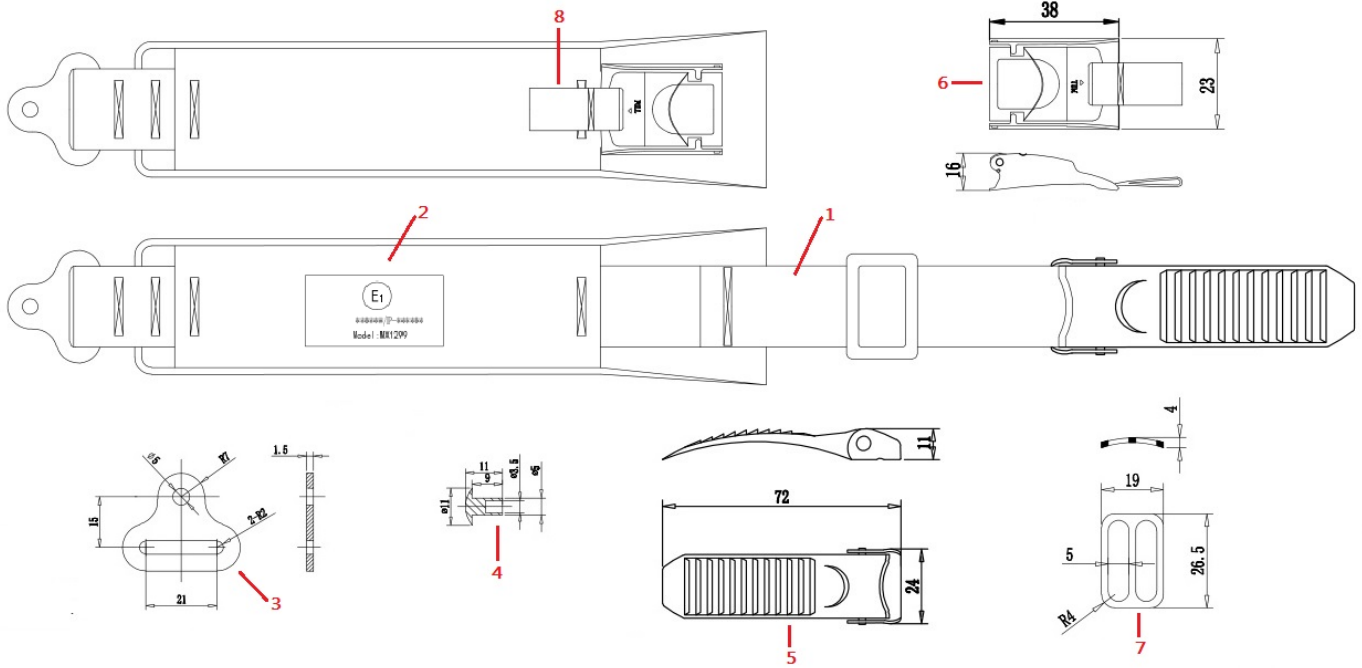
# INFORMATION DOCUMENT

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 Manufacture : Jiangmen Pengcheng Helmets Co., Ltd.

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Unit: mm

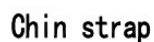
| Number        | Name                                                                    | Material    | Number       | Name                 | Material              |
|---------------|-------------------------------------------------------------------------|-------------|--------------|----------------------|-----------------------|
| 1             | Chin strap                                                              | Nylon       | 5            | Slider               | Polycarbonate + Steel |
| 2             | ECE Marking                                                             | Cloth       | 6            | Quick release buckle | Polycarbonate + Steel |
| 3             | Hinge                                                                   | Steel       | 7            | Red small strap      | Nylon                 |
| 3             | Rivet                                                                   | Steel       | 8            | “B” Ring             | Nylon                 |
| Description   | MX1299 Retention system (No.17 quick release mechanism)                 |             | Code No.:    | MX1299.5.2           |                       |
| Manufacturer: | Jiangmen Pengcheng Helmets Co., Ltd.                                    |             |              |                      |                       |
| Address:      | Industrial Park East, Gonghe Town, Heshan City Guagdong Province, China |             |              |                      |                       |
| Drawn by:     | Xinsheng Liu                                                            | Checked by: | Xinsheng Liu | Approved by:         | Yun Wang              |
| Date:         | 26.07.2015                                                              | Date:       | 18.08.2015   | Date:                | 18.08.2015            |

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| Number        | Name                                                                     | Material    | Number       | Name            | Material   |  |  |
|---------------|--------------------------------------------------------------------------|-------------|--------------|-----------------|------------|--|--|
| 1             | Chin strap                                                               | Nylon       | 5            | “D” Ring        | Steel      |  |  |
| 2             | ECE Marking                                                              | Cloth       | 6            | Red small strap | Nylon      |  |  |
| 3             | Hinge                                                                    | Steel       |              |                 |            |  |  |
| 4             | Rivet                                                                    | Steel       |              |                 |            |  |  |
| Description   | MX1299 Retention system<br>(Double-D ring)                               |             | Code No.:    | MX1299.5.3      |            |  |  |
| Manufacturer: | Jiangmen Pengcheng Helmets Co., Ltd.                                     |             |              |                 |            |  |  |
| Address:      | Industrial Park East, Gonghe Town, Heshan City Guangdong Province, China |             |              |                 |            |  |  |
| Drawn by:     | Xinsheng Liu                                                             | Checked by: | Xinsheng Liu | Approved by:    | Yun Wang   |  |  |
| Date:         | 26.07.2015                                                               | Date:       | 18.08.2015   | Date:           | 18.08.2015 |  |  |

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| Number        | Name                                                                    | Material    | Number       | Name            | Material      |
|---------------|-------------------------------------------------------------------------|-------------|--------------|-----------------|---------------|
| 1             | Chin strap                                                              | Nylon       | 4            | Rivet           | Steel         |
| 2             | ECE Marking                                                             | Cloth       | 5            | “D-1” Ring      | Steel         |
| 3             | Hinge                                                                   | Steel       | 6            | Red small strap | Nylon         |
| Description   | MX1299 Retention system<br>(Double D-1 Ring)                            |             | Code No.:    | MX1299.5.4      |               |
| Manufacturer: | Jiangmen Pengcheng Helmets Co., Ltd.                                    |             |              |                 |               |
| Address:      | Industrial Park East, Gonghe Town, Heshan City Guagdong Province, China |             |              |                 |               |
| Drawn by:     | Xinsheng Liu                                                            | Checked by: | Xinsheng Liu | Approved by:    | Xiaofang Chen |
| Date:         | 15.07.2016                                                              | Date:       | 15.07.2016   | Date:           | 15.07.2016    |



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**Annex 6: Drawing of the peak**

# ALWAYS AHEAD



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**FR**

Pour assurer une protection suffisante, ce casque doit être bien ajusté et être solidement attaché. Tout casque qui a été soumis à un choc violent est à remplacer. Un casque OPEN FACE ne protège pas le menton en cas de choc.

Attention! N'appliquer sur ce casque ni peinture, ni autocollant, ni essence, ni aucun autre solvant.

**ES**

Para asegurar una protección correcta, el casco debe estar bien ajustado y abrochado. Todo casco sometido a un choque violento tiene que ser reemplazado. Un casco OPEN FACE no protege la mandíbula en caso de choque.

¡Cuidado! No aplicar pintura, adhesivos, gasolina u otros disolventes sobre la superficie del casco.

**IT**

Per garantire una buona protezione, il casco deve essere correttamente calzato ed allacciato. Ogni casco sottoposto ad un colpo violento, deve essere sostituito. Un casco OPEN FACE non protegge la mandibola in caso d'urto. Attenzione! Non applicare pittura, adesivi, benzina od altri solventi sulla superficie del casco.

**EN**

To assure complete protection this helmet must be a good fit and to be securely fastened. All helmets must be replaced if they are subject to impact damage. OPEN FACE helmets don't protect the chin in case of impact.

Attention! Do not use any paint, glue, petrol or any other thinner on this helmet.

**DE**

Um ausreichenden Schutz gewährleisten zu können, muss dieser Helm gut passen und soll sicher befestigt werden. Alle Helme müssen, bei Beschädigungen, ersetzt werden. Ein Helm OPEN FACE dass Kinnenteil ist nicht für Impact entwickelt.

Achtung! Verwenden Sie bitte Keine Farben, Aufkleber, Benzin oder andere Laugen, auf diesen Helm.

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Congratulations on purchasing your new **LS2** helmet. Please read these instructions carefully before use. They contain valuable information to help you obtain the most protection from your helmet and to ensure a longer life for your helmet. All our products come from the most advanced research in terms of active security and design. The very high level for aerodynamism and comfort will get you the best performances all along the road. Whatever can be your choice leisure, tourism, racing, one of the helmets from the LS2 range is the best solution for your active protection.

1. Read these instructions thoroughly before using your helmet for the first time and store them safely for future reference.
2. A helmet like all products may wear out over time depending upon its use and the amount of care that is given. Please check your helmet every time before use for damage and do not use a damaged helmet. The most known standards of homologation recommend a helmet life of five years. LS2 agrees with their recommendation even though your helmet does not show any signs of malfunction, visible damage or defect. We strongly recommend you replace your helmet five years after the original date of purchase. See also "ONE IMPACT RULE" of item 3 in this manual, which says clearly "helmet is designed to help absorb one impact".
3. If you have any questions or comments concerning this helmet, please contact your nearest LS2 dealer or agent. Note that these specifications are subject to change without notice, as we continually strive to improve our products.

## HOW TO CHOOSE A HELMET AND WEAR IT CORRECTLY

No helmet can protect the wearer against all foreseeable high speed and low speed impact, however, for maximum head protection the helmet must be of proper fit and the retention system must be securely fastened under the chin. Failure to have proper fit and to securely fasten the helmet is dangerous as the helmet could come off in an accident resulting in severe head injury or death.

### 1 To determinate proper fit.

- 1.1. Measure your head size. Wrap a tape measure horizontally around your head at the height of about 2,5 cm above your eyebrows. This will establish the longest measurement around your head.
- 1.2. Select the helmet that is the closest match to your head size. If your head size should fit between two helmet sizes, try on the smaller one first.

### 2 Try the helmet on

- 2.1. Expand the helmet opening by the straps, and slide your head into the helmet. Pull the chin straps only, not the chin straps cover, pulling on the covers may rip them. If the helmet is not tight, it is too big for you. If you are unfamiliar with helmets you may be reluctant to pull down the helmet which should feel tight. Even if you feel it is difficult to put it on, please use the smallest helmet possible.



### 3 Check for a proper fit. With the helmet, go through the following checklist to determine whether the helmet is the correct size.

- 3.1. Make sure the inner lining fits snugly all around your head.
- 3.2. Make sure the top pad presses closely to the top of your head.
- 3.3. Check whether the cheek pads are in contact with your cheeks.
- 3.4. Make sure there is no space between inner lining and brow where you could insert your finger.
- 3.5. Now, take hold of the helmet with a hand on each side. Without moving your head, try to move the helmet up and down, and side to side. You should feel the skin of your head and face being pulled as you try to move the helmet. If you can move the helmet around easily, it is too big. Try a smaller size.



### 4 Check the retention system and go through the following steps.

- 4.1. Fasten the chinstrap as tight as possible without causing you pain (see diagram 2). There must be no slack in the strap and it must be tight up against your chin.
- 4.2. With the chinstrap secured, put your hands flat on the back of the helmet and try to push the helmet off by rotating forward.
- 4.3. Next, put your hands on the front of the helmet above your forehead (or on the chinguard) and try to push the helmet off by rotating it toward the rear.
- 4.4. If the helmet starts to come off in either direction, do not use the helmet, either the helmet is too large for you or the chin strap is not tightened enough.



ENGLISH

Tightening the chinstrap correctly is extremely important. Try to pull down on the chinstrap with the tips of your fingers if the strap is not against your chin or loosens, you have not properly put the strap through the D rings. Start again (see diagram 2) If your chinstrap is loose, the shock of an impact may knock your helmet off, leaving your head completely unprotected. Do not use a helmet that can be rolled off the head with the chinstrap fastened, since it may come off in an accident, resulting in death or serious personal injuries.

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**D RING:** To securely fasten the D ring retention system, thread the end of the chinstrap through the D rings only as shown in diagram 2 and put it tight against your throat. Clip the chin strap end hook on the D ring as shown in diagram 2 to secure the loose end of the chin strap after it's securely fastening the chin strap. The only function of the chinstrap end hook fitted on the end of the chinstrap is to avoid fluttering of the end part of the chinstrap.

**Quick-release retention system:** To fasten the strap, push the metal tongue firmly into the buckle until it locks with a click. Pull the strap tight and pass the end of the strap through the strap ring or ladder to secure it. To release the strap, press the two catches inward (or slide the catches down).

## SAFETY RECOMMENDATIONS

### 1

**No helmet can protect wearer against all foreseeable high speed and low speed impacts.**

However, for maximum head protection, the helmet must be of proper fit and retention system must be securely fastened under the chin. The helmet should allow peripheral vision when secure on your head. If your helmet is too large, it may sleep or move on your head while riding which may make it possible for your helmet to come off in an accident or to obstruct your vision while riding. In the first case, your helmet will not protect your head in an accident, which can result in serious personal injury or death and in the second case, if you cannot see you may have an accident.

### 2

**Use only a helmet that fits snugly all around your head, and fasten the chinstrap securely under your chin.**

Expand the helmet opening with your hands, and slide your head into the helmet. Please check whether the helmet fits properly according to the checklist (paragraph 3, page 3). Pull the chinstraps only, not the chinstraps covers. Pulling on the covers may rip them, if the helmet is not tight, it is too big for you. To securely fasten the D ring retention system, thread the end of the chinstrap through the D rings only as shown, and pull it tight up against your throat. In the case of quick-release retention system, refer to upper paragraph. If your chinstrap is loose, the shock of an impact may knock your helmet off leaving your head completely unprotected resulting in serious personal injury or death.

### 3

**Helmets are designed to help absorb ONE impact. After your helmet has protected you from an impact, you must get a new one.**

Your helmet is designed to distribute the force incurred during an impact over a wide area. Even if your helmet looks undamaged externally its useful life is finished after one impact during riding, for example, a capsize or accident where you and your helmet hit the ground or some object. In an impact, the helmet's impact absorbing liner becomes compacted. Once this has happened, the helmet no longer has the ability to absorb further impacts. Your helmet may look the same, but it will not provide protection in an accident. If you have any doubts, for example, if you drop your helmet or if it is hit by something and you are not sure if this one impact rule applies, consult your LS2 dealer before you use the helmet again.



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### 4

**Clean your helmet carefully.**

Never use hot or salt water, benzene, gasoline, glass cleaner or other solvents. Your helmet could be seriously damaged by these substances without showing any apparent visible damage. A helmet damaged or weakened by a cleaning agent may not provide head protection in an accident resulting in serious personal injury or death. The correct way to clean a helmet is to mix 5 or 6 drops of mild soap in a quart of warm water. Dampen a soft cloth with this solution and wipe the helmet clean. Rinse with a wet cloth.

### 5

**Never modify your helmet.**

It is very dangerous to drill holes or cut the shell and/or the shock absorber liner. Modifications can seriously weaken the helmet. Modifying the retention system weakens it, and it may snap in an impact, removing parts such as the mouth guard or rubber face trim can expose edges, which may injure you in an accident. Always use approved LS2 parts when replacing shields, screws, or any other parts. A weakened helmet will not provide protection.

### 6

**Don't mistreat your helmet.**

Never ride with the helmet hanging from the helmet holder, and don't hang the helmet from angled supports like a mirror. Don't sit on your helmet or throw it around. You should not expose the liner of your helmet to strong sunlight and excessive heat such as near heaters or where temperatures exceed 50° C (122 F). Avoid the spray of insect repellent chemicals (such as "naphthalene") near the helmet. Mistreating your helmet will damage the shell and impact absorbing liner and reduce the helmet's ability to protect you in an accident.

### 7

**Always check your helmet before riding off.**

1. Check the shield and visor screws, and retighten them if necessary.
2. Check for cracks in the helmet. Strong acid (for example, battery acid) can damage the shield base. If you find cracks or damage, stop using the helmet immediately.
3. Plastic components may start to wear out about 5 years after manufacture. If you find deterioration in any part of a component, either replace that component or get a new helmet. If these parts come loose and / or fall off while you are riding, your vision may be blocked which could cause an accident resulting in serious personal injury or death.
4. Check the security of the retention system
5. Make sure that the center pad (or comfort liner) and the cheek pads are attached before you use the helmet.

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**Maintain your helmet shield in good condition.**

If your shield becomes too scratched or undeanable, replace it with a new one. Impaired visibility causes accidents. Clean your shield with mild soapy water, rinse well with clean water, and dry with a soft cloth. Never use benzene gasoline, glass cleaner or any other solvents. Do not attach stickers or adhesive tape to the shield, as this will weaken the hard coating. This can damage the shield. Do not drive with a dim or blurred face shield. Impaired vision can cause an accident resulting in serious personal injury or death.

9

**Do not repaint the helmet.**

We do not recommend you repaint the helmet, because paint and thinner can damage the materials used in the helmet construction. A helmet damaged weakened by a paint agent may not provide head protection in an accident resulting in serious personal injury or death. If you must paint your helmet, please consult your LS2 dealer.

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**Remember: helmets block important sounds and reduce awareness of environmental changes.**

When you wear a helmet, especially a full-face type, you are somewhat isolated from the environment around you. Weather changes can catch you unprepared: sudden showers or temperature variations as you enter ore leave tunnels or climb mountain roads can cause unexpected misting of your shield and loss of visibility. Do not drive with a fogged face shield. Wearing a helmet also reduces your ability to hear traffic sounds, especially of high speed. With a full face helmet, opening and closing the shield makes a major difference in how much you can hear. For safe riding be aware of how your helmet type, your speed, affects your perception of road conditions and whether your shield is open.

