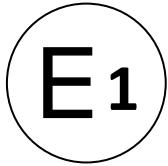




# Kraftfahrt-Bundesamt

DE-24932 Flensburg



## MITTEILUNG

ausgestellt von:

**Kraftfahrt-Bundesamt**

über die Erweiterung einer Genehmigung für einen Schutzhelmtyp ohne einem Visiertyp(en) nach der Regelung Nr. 22 einschließlich Änderung Nr. 05 Ergänzung 03

## COMMUNICATION

issued by:

**Kraftfahrt-Bundesamt**

concerning the extension of an approval of a type of protective helmet without a visor type(s) pursuant to Regulation No. 22 including amendment No. 05 supplement 03

Genehmigungsnummer: **E1\*22R05/03\*300648\*04**

Approval number:

1. Fabrik- oder Handelsmarke:  
Trade name or mark:  
**MHR, HARLEY DAVIDSON, LS2, TAKAI, SPYDER, HELD, A-PRO, SPARX, FULMER, KENNY, NOX, VENOM, SPEED AND STRENGTH, JOE ROCKET, SPEEDWAY, EXKLUSIV, DEXTER, DROXX, ROCC, NEXO, AXO, NITRO, FFM, TAKACHI, STELS, S-LINE, BAYARD, G-MAC, FLINT, TRIK MOTO, SPIRIT, X-VINCE, SHAFT-PRO, KONTROL, SMOOK, IXS, FIRST RACING, RXA, VOSS, ZOX, CX RACING, BOX, SWIFT, SYKO, CMS, MAC, OXFORD, BiLT, SEDICI, SKULLY, XPLOERER, DIEFFE, STREET&STEEL, TUZO, TEXX, LIFESTYLE, KOJI, GUN, SHELL**
2. Typ:  
Type:  
**MX470**
3. Größen:  
Sizes:  
**XS(53/54), S(55/56), M(57/58), L(59/60), XL(61/62), XXL(63/64), XXXL(65/66)**



# Kraftfahrt-Bundesamt

DE-24932 Flensburg

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2

Genehmigungsnummer: **E1\*22R05/03\*300648\*04**

Approval Number:

4. Name des Herstellers:  
Manufacturer's name:  
**JIANGMEN PENGCHENG HELMETS LTD.**  
**CN-Gonghe Town, Heshan City**
5. Anschrift:  
Address:  
**Siehe Punkt 4.**  
**See item 4.**
6. Name des Vertreters des Herstellers (gegebenenfalls):  
Name of manufacturer's representative (if any):  
**Entfällt**  
**Not applicable**
7. Anschrift:  
Address:  
**Siehe Punkt 6.**  
**See item 6.**
8. Kurze Beschreibung des Helms:  
Brief description of helmet:  
**Siehe Anlagen**  
**See enclosures**
9. **Helm mit schützendem Kinnbügel (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(s):  
**Entfällt**  
**Not applicable**
12. Zur Genehmigung vorgelegt am:  
Submitted for approval on:  
**10.09.2020**
13. Technischer Dienst, der die Prüfungen für die Genehmigungen durchführt:  
Technical service responsible for conducting approval tests:  
**SGS-TÜV Saar GmbH**  
**DE-81379 München**



# Kraftfahrt-Bundesamt

DE-24932 Flensburg

3

Genehmigungsnummer: **E1\*22R05/03\*300648\*04**

Approval Number:

14. Datum des Gutachtens des Technischen Dienstes:  
Date of report issued by that service:  
**03.09.2020**
15. Nummer des Gutachtens des Technischen Dienstes:  
Number of report issued by that service:  
**HOM ECN T17/085-04**
16. Bemerkung(en):  
Remark(s):  
**Handelsbezeichnung(en) / General commercial description(s):  
MX470, MX470-1, SUBVERTER, MX700, MX700-1, SUBVERTER EVO,  
SUBVERTER II**
- Ausführungen/ Versions:**  
**1, 2, 3**
17. Die Genehmigung wird **erweitert**  
Approval is **extended**
18. Ort: **DE-24932 Flensburg**  
Place:
19. Datum: **15.09.2020**  
Date:
20. Unterschrift: **Im Auftrag**  
Signature:

  
(D. Stieglitz)





# Kraftfahrt-Bundesamt

DE-24932 Flensburg

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4

Genehmigungsnummer: **E1\*22R05/03\*300648\*04**

Approval Number:

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:

Anlagen:

Enclosures:

**Gemäß Inhaltsverzeichnis**

**According to index**



# Kraftfahrt-Bundesamt

DE-24932 Flensburg

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Zu: **E1\*22R05/03\*300648\*04**

To:

**Erklärung über die Einhaltung der Anforderungen hinsichtlich der Übereinstimmung  
der Produktion gemäß dem Übereinkommen von 1958**  
**Statement of compliance with the conformity of the production requirements of the  
1958 Agreement**

1. Name des Herstellers:  
Manufacturer's name:  
**JIANGMEN PENGCHENG HELMETS LTD.**  
**CN-Gonghe Town, Heshan City**
  
2. Datum der Anfangsbewertung:  
Date of the initial assessment:  
**10.08.2015**
  
3. Datum aller durchgeführten Überwachungstätigkeiten:  
Date of any surveillance activities:  

Aktenzeichen Register number	Datum der Begehung Date of inspection	Genehmigungsnummer Approval number
---------------------------------	--	---------------------------------------

  
CoP-Q:  
**Entfällt**  
**Not applicable**  
  
CoP-P:  
**Entfällt**  
**Not applicable**



# Kraftfahrt-Bundesamt

DE-24932 Flensburg

Zu: **E1\*22R05/03\*300648\*04**

To:

## Inhaltsverzeichnis zu den Beschreibungsunterlagen Index to the information package

Ausgabedatum: **21.08.2017**      Letztes Änderungsdatum: **15.09.2020**  
Date of issue:                              Last date of amendment:

Nebenbestimmungen und Rechtsbehelfsbelehrung  
Collateral clauses and instruction on right to appeal

Prüfbericht(e) Nr.:	Datum:
Test report(s) No.:	Date:
<b>HOM ECN T17/085-00</b>	<b>07.08.2017</b>
<b>HOM ECN T17/085-01</b>	<b>21.11.2017</b>
<b>HOM ECN T17/085-02</b>	<b>29.09.2018</b>
<b>HOM ECN T17/085-03</b>	<b>21.12.2018</b>
<b>HOM ECN T17/085-04</b>	<b>03.09.2020</b>

Beschreibungsbogen Nr.:	Datum:
Information document No.:	Date:
<b>R22-MX470-00</b>	<b>28.05.2017</b>
<b>R22-MX470-04</b>	<b>31.08.2020</b>

Liste der Änderungen:	Datum:
List of modifications:	Date:
<b>Siehe Liste der Änderungen</b>	<b>03.09.2020</b>
<b>See list of modifications</b>	



# Kraftfahrt-Bundesamt

DE-24932 Flensburg

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Nummer der Genehmigung: **E1\*22R05/03\*300648\*04**

- Anlage -

## Nebenbestimmungen und Rechtsbehelfsbelehrung

### Nebenbestimmungen

Jede Einrichtung, die dem genehmigten Typ entspricht, ist gemäß der angewendeten Vorschrift zu kennzeichnen.

Die Einzelerzeugnisse der reihenweisen Fertigung müssen mit den Genehmigungsunterlagen genau übereinstimmen. Änderungen an den Einzelerzeugnissen sind nur mit ausdrücklicher Zustimmung des Kraftfahrt-Bundesamtes gestattet.

Änderungen der Firmenbezeichnung, der Anschrift und der Fertigungsstätten sowie eines bei der Erteilung der Genehmigung benannten Zustellungsbevollmächtigten oder bevollmächtigten Vertreters sind dem Kraftfahrt-Bundesamt unverzüglich mitzuteilen.

Verstöße gegen diese Bestimmungen können zum Widerruf der Genehmigung führen und können überdies strafrechtlich verfolgt werden.

Die Genehmigung erlischt, wenn sie zurückgegeben oder entzogen wird, oder der genehmigte Typ den Rechtsvorschriften nicht mehr entspricht. Der Widerruf kann ausgesprochen werden, wenn die für die Erteilung und den Bestand der Genehmigung geforderten Voraussetzungen nicht mehr bestehen, wenn der Genehmigungsinhaber gegen die mit der Genehmigung verbundenen Pflichten - auch soweit sie sich aus den zu dieser Genehmigung zugeordneten besonderen Auflagen ergeben - verstößt oder wenn sich herausstellt, dass der genehmigte Typ den Erfordernissen der Verkehrssicherheit oder des Umweltschutzes nicht entspricht.

Das Kraftfahrt-Bundesamt kann jederzeit die ordnungsgemäße Ausübung der durch diese Genehmigung verliehenen Befugnisse, insbesondere die genehmigungsgerechte Fertigung sowie die Maßnahmen zur Übereinstimmung der Produktion, nachprüfen. Es kann zu diesem Zweck Proben entnehmen oder entnehmen lassen. Dem Kraftfahrt-Bundesamt und/oder seinen Beauftragten ist ungehinderter Zutritt zu Produktions- und Lagerstätten zu gewähren.

Die mit der Erteilung der Genehmigung verliehenen Befugnisse sind nicht übertragbar. Schutzrechte Dritter werden durch diese Genehmigung nicht berührt.

### 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.



# Kraftfahrt-Bundesamt

DE-24932 Flensburg

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2

Approval No.: **E1\*22R05/03\*300648\*04**

- Attachment -

## Collateral clauses and instruction on right to appeal

### Collateral clauses

All equipment which corresponds to the approved type is to be identified according to the applied regulation.

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 Kraftfahrt-Bundesamt.

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 authorised representative named when the approval was granted is to be immediately disclosed to the Kraftfahrt-Bundesamt.

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



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# Technical Report

V00

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

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

Title:  
**Protective helmets and their visors**

---

Manufacturer:  
**Jiangmen Pengcheng Helmets Ltd.**

Type:  
**MX470**

---

Subject of testing:  
Component

<b>0</b>	<b>General</b>	
0.1	Make (trade name of manufacturer):	MHR, HARLEY DAVIDSON, LS2, TAKAI, SPYDER, HELD, A-PRO, SPARX, FULMER, KENNY, NOX, VENOM, SPEED AND STRENGTH, JOE ROCKET, SPEEDWAY, EXKLUSIV, DEXTER, DROXX, ROCC, NEXO, AXO, NITRO, FFM, TAKACHI, STELS, S-LINE, BAYARD, G-MAC, FLINT, TRIK MOTO, SPIRIT, X-VINCE, SHAFT-PRO, KONTROL, SMOOK, IXS, FIRST RACING, RXA, VOSS, ZOXX, CX RACING, BOX, SWIFT, SYKO, CMS, MAC, OXFORD, BiLT, SEDICI, SKULLY, XPLOER, DIEFFE, STREET&STEEL, TUZO, TEXX, LIFESTYLE, KOJI, GUN, SHELL
0.2	Type:	MX470
0.2.1	Commercial description:	MX470, MX470-1, SUBVERTER, <b>MX700</b> , <b>MX700-1</b> , <b>SUBVERTER EVO</b> , <b>SUBVERTER II</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 Ltd. No.01-7, Dongsheng Road, Gonghe Town, Heshan City, Guangdong Province, China
0.8	Address of assembly plant:	Jiangmen Pengcheng Helmets Ltd. No.01-7, Dongsheng Road, 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

R22 E1\*22R05/03\*300648\*04

**1 Test record**

See appendix

**2 Attachments**

2.1 List of modifications:

2.2 Information folder:

No.: **R22-MX470-04**

Date of issue: **31.08.2020**

**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

National Standards  
 Authority of Ireland (NSAI)

Rijksdienst voor het Wegverkeer  
 (RDW),  
 The Netherlands

**No. KBA - P 00084 – 10**

**No. 101**

**No. 99050064 00**

**Responsible expert**

**Signature**

Lell Wu

Sep 03, 2020



**Conformity check**

**Signature**

Perry Li



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To assess the conformity, the laboratory refers to the "scope classification" of the Kraftfahrt-Bundesamt (KBA) – Federal Motor Transport Authority (in its valid version at the time of testing) and the specified consideration of the measurement uncertainty for the related test procedure.

In case the measurement uncertainty does not need to be considered according to the scope classification, the laboratory considers the result conform if its measured value is within the specification.

In case the measurement uncertainty does need to be considered according to the scope classification, the laboratory considers the result conform if its value incl. its measurement uncertainty is within the specification.

**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:

MX470

Sizes:

XS(53/54), S(55/56), M(57/58), L(59/60),  
 XL(61/62), XXL(63/64), XXXL(65/66)

Lower face cover:

- 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:**

Version 1: White protective padding with PC plastic  
 Version 2: Black protective padding without PC plastic  
**Version 3: White protective padding without PC plastic**


**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

<b>2</b>	<b>Test Results</b>	<p>Due to the reason of extension (see attachment 2.1 List of modifications), all tests related were repeated according to this regulation, test results refer to bellow items.</p>								
<b>2.1</b>	<b>Protective helmet</b>									
2.1.1	Marking (clause 4.1.1, 4.4)	<p>All required information, in accordance with the ECE R22.05, is given by the labels</p> <table border="0"> <tr><td><input checked="" type="checkbox"/></td><td>fulfilled</td></tr> <tr><td><input type="checkbox"/></td><td>Not fulfilled</td></tr> <tr><td><input type="checkbox"/></td><td>n.a.</td></tr> </table>	<input checked="" type="checkbox"/>	fulfilled	<input type="checkbox"/>	Not fulfilled	<input type="checkbox"/>	n.a.		
<input checked="" type="checkbox"/>	fulfilled									
<input type="checkbox"/>	Not fulfilled									
<input type="checkbox"/>	n.a.									
2.1.2	Basic construction (clause 6.1)	<p>Shell + Protective padding + Retention system</p> <table border="0"> <tr><td><input checked="" type="checkbox"/></td><td>fulfilled</td></tr> <tr><td><input type="checkbox"/></td><td>Not fulfilled</td></tr> <tr><td><input type="checkbox"/></td><td>n.a.</td></tr> </table>	<input checked="" type="checkbox"/>	fulfilled	<input type="checkbox"/>	Not fulfilled	<input type="checkbox"/>	n.a.		
<input checked="" type="checkbox"/>	fulfilled									
<input type="checkbox"/>	Not fulfilled									
<input type="checkbox"/>	n.a.									
2.1.3	If fitted with non protective lower face cover (clause 6.2)	<table border="0"> <tr><td><input type="checkbox"/></td><td>Marked</td></tr> <tr><td><input type="checkbox"/></td><td>“Does not protect chin from impacts”</td></tr> <tr><td><input type="checkbox"/></td><td>Marked with symbol</td></tr> <tr><td><input checked="" type="checkbox"/></td><td>n.a.</td></tr> </table> <div style="display: inline-block; vertical-align: middle; margin-left: 20px;">  </div>	<input type="checkbox"/>	Marked	<input type="checkbox"/>	“Does not protect chin from impacts”	<input type="checkbox"/>	Marked with symbol	<input checked="" type="checkbox"/>	n.a.
<input type="checkbox"/>	Marked									
<input type="checkbox"/>	“Does not protect chin from impacts”									
<input type="checkbox"/>	Marked with symbol									
<input checked="" type="checkbox"/>	n.a.									
2.1.4	Extent of the protection (clauses 6.4, 6.5)	<p>The shell and the protective padding cover all areas as required</p> <table border="0"> <tr><td><input checked="" type="checkbox"/></td><td>fulfilled</td></tr> <tr><td><input type="checkbox"/></td><td>Not fulfilled</td></tr> <tr><td><input type="checkbox"/></td><td>n.a.</td></tr> </table>	<input checked="" type="checkbox"/>	fulfilled	<input type="checkbox"/>	Not fulfilled	<input type="checkbox"/>	n.a.		
<input checked="" type="checkbox"/>	fulfilled									
<input type="checkbox"/>	Not fulfilled									
<input type="checkbox"/>	n.a.									

2.1.5 Projections / irregularities / sharp edges (clauses 6.6 to 6.9)

All external projections other than press-fasteners are smooth and adequately faired, all external projections which are not more than 2 mm above the outer surface of the shell, have a radius of more than 1 mm, all external projections which are more than 2 mm above the outer surface of the shell have a radius of more than 2 mm.

All projections or irregularities in the outer surface of the shell which are higher than 2 mm, fulfill the requirements after the shear assessment test. The outer surface of the helmet fulfills the requirements after the friction assessment test.

There are no inward-facing sharp edges on the inside of the helmet; rigid, projecting internal parts are covered with padding so that any stresses transmitted to the head are not highly concentrated.

- fulfilled
- Not fulfilled
- n.a.

2.1.6 Test method for projections and surface friction

- Procedure A (7.4.1)
- Procedure B (7.4.2)

Helmet No.	Helmet Size (cm)	Condition	Projections	Friction
M-3	57/58	Solvent plus ambient temperature and hygrometry conditioning	Pass	Pass

2.1.7 Peripheral vision (clause 6.14)

Horizontal ( $\geq 105^\circ$ ):

<input checked="" type="checkbox"/>	fulfilled
<input type="checkbox"/>	Not fulfilled
<input type="checkbox"/>	n.a.

Upwards ( $\geq 7^\circ$ ):

<input checked="" type="checkbox"/>	fulfilled
<input type="checkbox"/>	Not fulfilled
<input type="checkbox"/>	n.a.

Downwards ( $\geq 45^\circ$ ):

<input checked="" type="checkbox"/>	fulfilled
<input type="checkbox"/>	Not fulfilled
<input type="checkbox"/>	n.a.

2.1.8 Conspicuity marking  
(clause 6.16)

<input type="checkbox"/>	fulfilled
<input type="checkbox"/>	Not fulfilled
<input checked="" type="checkbox"/>	n.a.



2.1.9 Impact-absorption tests  
(clause 7.3)

<input checked="" type="checkbox"/>	fulfilled
<input type="checkbox"/>	Not fulfilled
<input type="checkbox"/>	n.a.

Size: 61/62 cm

Test Head Form: O (62 cm)

Helmet No.	Condition	Test anvil	Test site	Velocity (m/s)	Peak 'G ≤275g	HIC ≤2400
XL-1	Solvent plus ambient temperature and hygrometry conditioning	Kerbstone	B	7.60	185.4	1263
		Kerbstone	X	7.55	210.7	1635
		Flat	P	7.56	187.4	1428
		Flat	R	7.56	208.5	1784
XL-2	Solvent plus ambient temperature and hygrometry conditioning	Flat	B	7.52	194.2	1604
		Flat	X	7.55	238.8	2232
		Kerbstone	P	7.53	142.2	1111
		Kerbstone	R	7.52	167.0	1223
XL-3	Solvent plus heat conditioning	Kerbstone	B	7.55	191.6	1260
		Kerbstone	X	7.54	206.4	1632
		Kerbstone	P	7.55	146.5	1004
		Kerbstone	R	7.56	173.0	1246
XL-4	Solvent plus low temperature conditioning	Flat	B	7.54	202.0	1611
		Flat	X	7.56	258.1	2314
		Flat	P	7.58	211.0	1796
		Flat	R	7.52	208.9	1729
		Flat	S	5.52	82.2	244
XL-5	Solvent plus ultra-violet radiation conditioning and moisture conditioning	Kerbstone	B	7.55	179.6	1240
		Flat	X	7.53	241.2	2269
		Flat	P	7.52	190.5	1466
		Kerbstone	R	7.60	160.8	1201

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Size: 53/54 cm

Test Head Form: E (54 cm)

Helmet No.	Condition	Test anvil	Test site	Velocity (m/s)	Peak 'G ≤ 275g	HIC ≤ 2400
XS-1	Solvent plus heat conditioning	Kerbstone	B	7.51	149.0	1110
		Kerbstone	X	7.50	184.0	1530
		Kerbstone	P	7.51	164.3	1296
		Kerbstone	R	7.57	145.5	1096
XS-2	Solvent plus low temperature conditioning	Flat	B	7.52	198.4	1660
		Flat	X	7.56	224.5	2070
		Flat	P	7.53	224.3	2287
		Flat	R	7.54	182.6	1609
		Flat	S	5.56	69.7	174

Size: 57/58 cm

Test Head Form: J (57 cm)

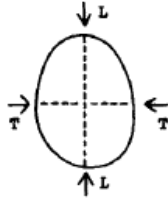
Helmet No.	Condition	Test anvil	Test site	Velocity (m/s)	Peak 'G ≤ 275g	HIC ≤ 2400
M-1	Solvent plus heat conditioning	Kerbstone	B	7.52	145.5	1030
		Kerbstone	X	7.57	220.7	1750
		Kerbstone	P	7.54	150.1	1072
		Kerbstone	R	7.55	144.1	1016
M-2	Solvent plus low temperature conditioning	Flat	B	7.57	204.4	1383
		Flat	X	7.51	244.4	2306
		Flat	P	7.56	234.5	2141
		Flat	R	7.51	189.1	1606
		Flat	S	5.50	92.0	301

Size: 59/60 cm

Test Head Form: M (60 cm)

Helmet No.	Condition	Test anvil	Test site	Velocity (m/s)	Peak 'G ≤ 275g	HIC ≤ 2400
L-1	Solvent plus heat conditioning	Kerbstone	B	7.54	212.0	1300
		Kerbstone	X	7.50	238.1	1664
		Kerbstone	P	7.52	137.2	1070
		Kerbstone	R	7.51	162.2	1178
L-2	Solvent plus low temperature conditioning	Flat	B	7.55	201.6	1660
		Flat	X	7.54	245.9	2207
		Flat	P	7.53	212.2	2020
		Flat	R	7.50	194.1	1777
		Flat	S	5.56	73.8	239

2.1.10 Rigidity test (clause 7.5)



- fulfilled
- Not fulfilled
- n.a.

Helmet No.	Size	Condition	Direction	Max. deformation (≤ 40 mm)	Residual deformation (≤ 15 mm)
XL-6	61/62	Solvent plus ambient temperature and hygrometry conditioning	Longitudinal axis	12.6	5.0
XL-7	61/62	Solvent plus ambient temperature and hygrometry conditioning	Transverse axis	13.0	1.5

**2.2 Retention system** The former test results remain valid.

**2.3 Visor**  n.a. (no visor)  
 n.a. (visor separately approved)

**2.4 Information for wearers** (clauses 14.1 to 14.6) The former test results remain valid.

**3 Other information**

Place of testing: SGS CSTC Guangzhou, P.R. China

Date of testing: From 18.08.2020 to 31.08.2020

**4 Remarks:** ---

---

### List of modifications

1	Correction of:	n.a.
2	Modification of:	n.a.
3	Addition of:	<ol style="list-style-type: none"><li>1. Commercial description(s) add "MX700, MX700-1, SUBVERTER EVO, SUBVERTER II"</li><li>2. Variants / Versions add "Version 3: White protective padding without PC plastic"</li><li>3. Add peak and ventilation drawings at Annex 2 of the information document.</li></ol>
4	Deletion of:	n.a.

# INFORMATION DOCUMENT

No.: R22-MX470-04



**Jiangmen Pengcheng Helmets Ltd.**

**TYPE: MX470**

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: 31.08.2020

**Reason of extension:**

**Correction:** n.a.

**Modification:** n.a.

**Addition:** 1. Commercial description(s) add "MX700, MX700-1, SUBVERTER EVO, SUBVERTER II"

2. Variants / Versions add "Version 3: White protective padding without PC plastic"

3. Add peak and ventilation drawings at Annex 2 of the information document.

**Deletion:** n.a.

Total Page: 23



Type : MX470  
Manufacture : Jiangmen Pengcheng Helmets Ltd.

Date:31.08.2020

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## 1.0 GENERAL INFORMATION

- 1.1 Make (trade name of manufacturer) : MHR, HARLEY DAVIDSON, LS2, TAKAI, SPYDER, HELD, A-PRO, SPARX, FULMER, KENNY, NOX, VENOM, SPEED AND STRENGTH, JOE ROCKET, SPEEDWAY, EXKLUSIV, DEXTER, DROXX, ROCC, NEXO, AXO, NITRO, FFM, TAKACHI, STELS, S-LINE, BAYARD, G-MAC, FLINT, TRIK MOTO, SPIRIT, X-VINCE, SHAFT-PRO, KONTROL, SMOOK, IXS, FIRST RACING, RXA, VOSS, ZOXX, CX RACING, BOX, SWIFT, SYKO, CMS, MAC, OXFORD, BiLT, SEDICI, SKULLY, XPLOER, DIEFFE, STREET&STEEL, TUZO, TEXX, LIFESTYLE, KOJI, GUN, SHELL
- 1.2 Type : MX470
- 1.2.1 Commercial description(s) : MX470, MX470-1, SUBVERTER, **MX700, MX700-1, SUBVERTER EVO, SUBVERTER II**
- 1.3 Variants / Versions : Version 1: White protective padding with PC plastic  
Version 2: Black protective padding without PC plastic  
**Version 3: White protective padding without PC plastic**
- 1.4 Name and address of manufacturer : Jiangmen Pengcheng Helmets Ltd.  
No.01-7, Dongsheng Road, Gonghe Town, Heshan City, Guangdong Province, China
- 1.5 Name and address of assembly plant : Jiangmen Pengcheng Helmets Ltd.  
No.01-7, Dongsheng Road, Gonghe Town, Heshan City, Guangdong Province, China
- 1.6 Name and address of manufacturer's authorized representative (if any) : n.a.
- 1.7 Location and method of affixing of the international approval mark : Marked in a label sewn on the retention system chin strap, see Annex 5

## 2.0 TECHNICAL DESCRIPTION

- 2.1 Description of the helmet
- 2.1.1 Type of helmet : Full face
- 2.1.2 Type of lower face cover : "P" protective
- 2.1.3 Size (s) : XS(53/54), S(55/56), M(57/58), L(59/60), XL(61/62), XXL(63/64), XXXL(65/66)
- 2.1.4 Drawing of the helmet : See Annex 1
- 2.2 Description of the visor : n.a.
- 2.3 Description of the shell
- 2.3.1 Material : ABS
- 2.3.2 Manufacture method : Injection
- 2.3.3 Ventilation : See Annex 1
- 2.3.4 Composition of the border join on the shell : PVC
- 2.3.5 Drawing of the shell : See Annex 2



Type : MX470  
 Manufacture : Jiangmen Pengcheng Helmets Ltd.

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- 2.4 Description of protective padding
- 2.4.1 Composition : EPS
- 2.4.2 Density and weight :

Version 1:

Size (cm)	Shell size	Comfort padding thickness (Main) (mm)	Protective padding Density (Main +Chin+Middle) (Kg/m <sup>3</sup> )	Protective padding Thickness (mm)	Protective padding Weight (Main +Chin+Middle) (grams)
XS(53/54)	S-XS	12	55+50+80	30-35	169.8+32.2+5.4
S(55/56)	S-XS	8	55+50+80	30-35	169.8+32.2+5.4
M(57/58)	L-M	12	55+75+80	30-35	174.4+47.6+5.4
L(59/60)	L-M	8	55+75+80	30-35	174.4+47.6+5.4
XL(61/62)	XXXL-XL	12	65+80+80	30-35	213.6+50+5.4
XXL(63/64)	XXXL-XL	8	65+80+80	30-35	213.6+50+5.4
XXXL(63/64)	XXXL-XL	7	65+80+80	30-35	213.6+50+5.4

Version 2:

Size (cm)	Shell size	Comfort padding thickness (Main) (mm)	Protective padding Density (Main +Chin+Middle) (Kg/m <sup>3</sup> )	Protective padding Thickness (mm)	Protective padding Weight (Main +Chin+Middle) (grams)
XS(53/54)	S-XS	12	55+60+80	30-35	130.4+38.6+5.4
S(55/56)	S-XS	8	55+60+80	30-35	130.4+38.6+5.4
M(57/58)	L-M	12	60+60+80	30-35	144.2+38.1+5.4
L(59/60)	L-M	8	60+80+80	30-35	144.2+50.7+5.4
XL(61/62)	XXXL-XL	12	65+80+80	30-35	162.8+50+5.4
XXL(63/64)	XXXL-XL	8	65+80+80	30-35	162.8+50+5.4
XXXL(65/66)	XXXL-XL	7	65+80+80	30-35	162.8+50+5.4

Version 3:

Size (cm)	Shell size	Comfort padding thickness (Main) (mm)	Protective padding Density (Main +Chin+Middle) (Kg/m <sup>3</sup> )	Protective padding Thickness (mm)	Protective padding Weight (Main +Chin+Middle) (grams)
<b>XS(53/54)</b>	<b>S-XS</b>	<b>12</b>	<b>55+60+80</b>	<b>30-35</b>	<b>128+35+5.4</b>
<b>S(55/56)</b>	<b>S-XS</b>	<b>8</b>	<b>55+60+80</b>	<b>30-35</b>	<b>128+35+5.4</b>
<b>M(57/58)</b>	<b>L-M</b>	<b>12</b>	<b>60+60+80</b>	<b>30-35</b>	<b>140+35+5.4</b>
<b>L(59/60)</b>	<b>L-M</b>	<b>8</b>	<b>60+80+80</b>	<b>30-35</b>	<b>140+45+5.4</b>
<b>XL(61/62)</b>	<b>XXXL-XL</b>	<b>12</b>	<b>65+80+80</b>	<b>30-35</b>	<b>165+47+5.4</b>
<b>XXL(63/64)</b>	<b>XXXL-XL</b>	<b>8</b>	<b>65+80+80</b>	<b>30-35</b>	<b>165+47+5.4</b>
<b>XXXL(65/66)</b>	<b>XXXL-XL</b>	<b>7</b>	<b>65+80+80</b>	<b>30-35</b>	<b>165+47+5.4</b>

- 2.4.3 Drawing of the protective padding : See Annex 3

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Type : MX470  
Manufacture : Jiangmen Pengcheng Helmets Ltd.

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- 2.5 Description of comfort padding
- 2.5.1 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
- 2.5.2 Drawing of the comfort padding : See annex 4
- 2.6 Description of the retention system
- 2.6.1 Chin strap
- Material : Nylon  
Width : 22 mm or 25 mm
- 2.6.2 Retention system : Type 1: No.15 quick release mechanism with 22mm Chin strap  
Type 2: No.17 quick release mechanism with 22mm Chin strap  
Type 3: Double-D ring with 25mm Chin strap  
Type 4: No.10 quick release mechanism with 22mm Chin strap  
Type 5: New Double-D ring with 25mm Chin strap
- 2.6.3 Comfort padding of the retention system
- Composition : Leather and textile  
Thickness : 3 mm
- 2.6.4 Anchorage system to the shell : By means of a metallic piece fixed to the shell by rivets
- 2.6.5 Drawing of the retention system : See Annex 5
- 2.7 Other Characteristics
- 2.7.1 Markings
- Make : Rear part of the shell  
Weight : Rear part of the shell  
Size : Rear part of the shell
- 2.7.2 Indelible marking
- How it is made : Sewing  
Position : On the chin strap
- 2.8 Accessories
- 2.8.1 Peak : Available
- 2.8.2 Information for wearer
- 2.8.2.1 Text : See Annex 6  
2.8.2.2 Position : Hang on chin strap





## INFORMATION DOCUMENT

R22-MX470-04

Type : MX470  
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<b>ANNEXS</b>		
Annex 1	Drawing of the helmet	20.03.2017
Annex 2	Drawing of the shell	
	MX470 S-XS Shell	20.03.2017
	MX470 L-M Shell	20.03.2017
	MX470 XXXL-XL Shell	20.03.2017
	<b>MX470 Peak</b>	<b>31.08.2020</b>
	<b>MX470 Ventilations</b>	<b>31.08.2020</b>
Annex 3	Drawing of the protective padding	
	MX470 S-XS Protective padding	20.03.2017
	MX470 L-M Protective padding	20.03.2017
	MX470 XXXL-XL Protective padding	20.03.2017
Annex 4	Drawing of the comfort padding	20.03.2017
Annex 5	Drawing of the retention system	
	MX470 Retention system (15 Buckle)	20.03.2017
	MX470 Retention system (17 Buckle)	20.03.2017
	MX470 Retention system (Double "D" Ring)	20.03.2017
	MX470 Retention system (10 Buckle)	20.03.2017
	MX470 Retention system (New Double "D" Ring)	18.12.2018
Annex 6	Information for wearer	20.03.2017



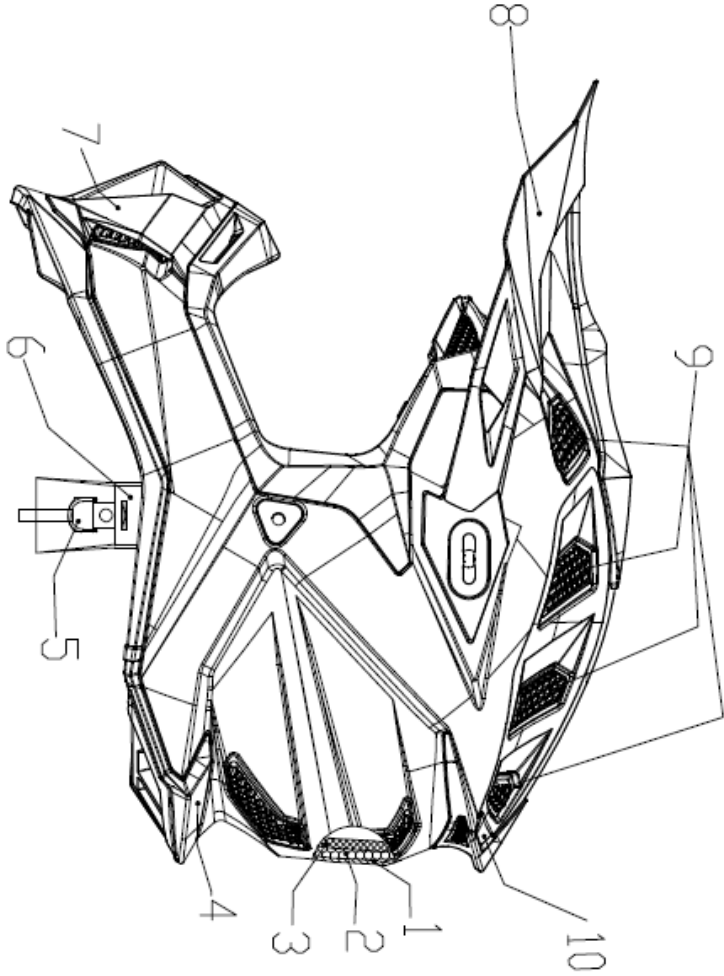
Type : MX470

Date:31.08.2020

Manufacture : Jiangmen Pengcheng Helmets Ltd.

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Annex 1: Drawing of the helmet

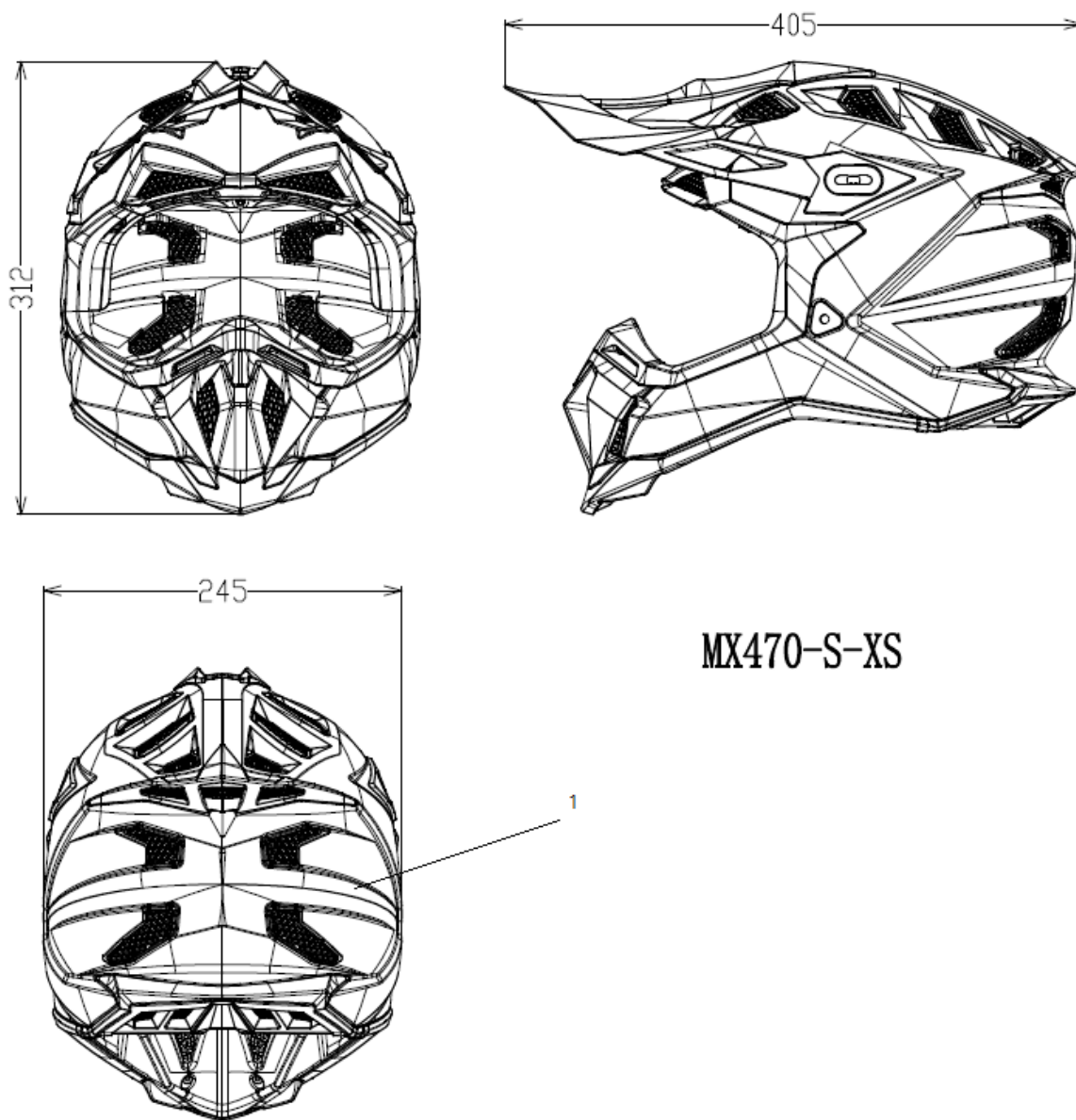


10	后风窗 back vent	个 piece	1	1g合金
9	顶风窗 top vent	个 piece	8	1g合金
8	帽檐 peak	个 piece	1	1g合金
7	下巴风窗 mouth vent	套 set	1	1g合金
6	帽带 chin strap	条 unit	2	nylon
5	快速扣/双平面球环扣 buckle/Double "O" ring	套 set	1	stainless steel
4	下散边 rubber ring	条 unit	1	PVC
3	内衬 padding	套 set	1	nylon
2	泡沫 protective padding	个 piece	4	eps
1	壳体 Outer shell	个 piece	1	abs

MODEL	MX470-XXXL-XL			MX470-L-M		MX470-S-XS	
SIZE	XXXL	XXL	XL	L	M	S	XS
CM	66-65	64-63	62-61	60-59	58-57	56-55	54-53
技术要求 technical requirement	<p>1.The surface of the outshell should be smooth and bright no mottle, pinhold,bulb,drop lack of oil ,disdossie of basic color.</p> <p>2. Every spare parts should be fixed correctly , and not be loose,missed.</p>						



Annex 2: Drawing of the shell



Unit: mm

Number	Name	Parameter	Number	Name	Parameter
1	Shell	ABS			
<b>Description</b>	MX470 S-XS Shell		<b>Code No.:</b>	MX470.2.1	
<b>Manufacturer:</b>	Jiangmen Pengcheng Helmets Ltd.				
<b>Address:</b>	No.01-7, Dongsheng Road, Gonghe Town, Heshan City, Guangdong Province, China				
<b>Drawn by:</b>	Xinsheng Liu	<b>Checked by:</b>	Xinsheng Liu	<b>Approved by:</b>	YouJun Feng
<b>Date:</b>	13.03.2017	<b>Date:</b>	16.03.2017	<b>Date:</b>	20.03.2017

R22 E1\*22R05/03\*300648\*04



# INFORMATION DOCUMENT

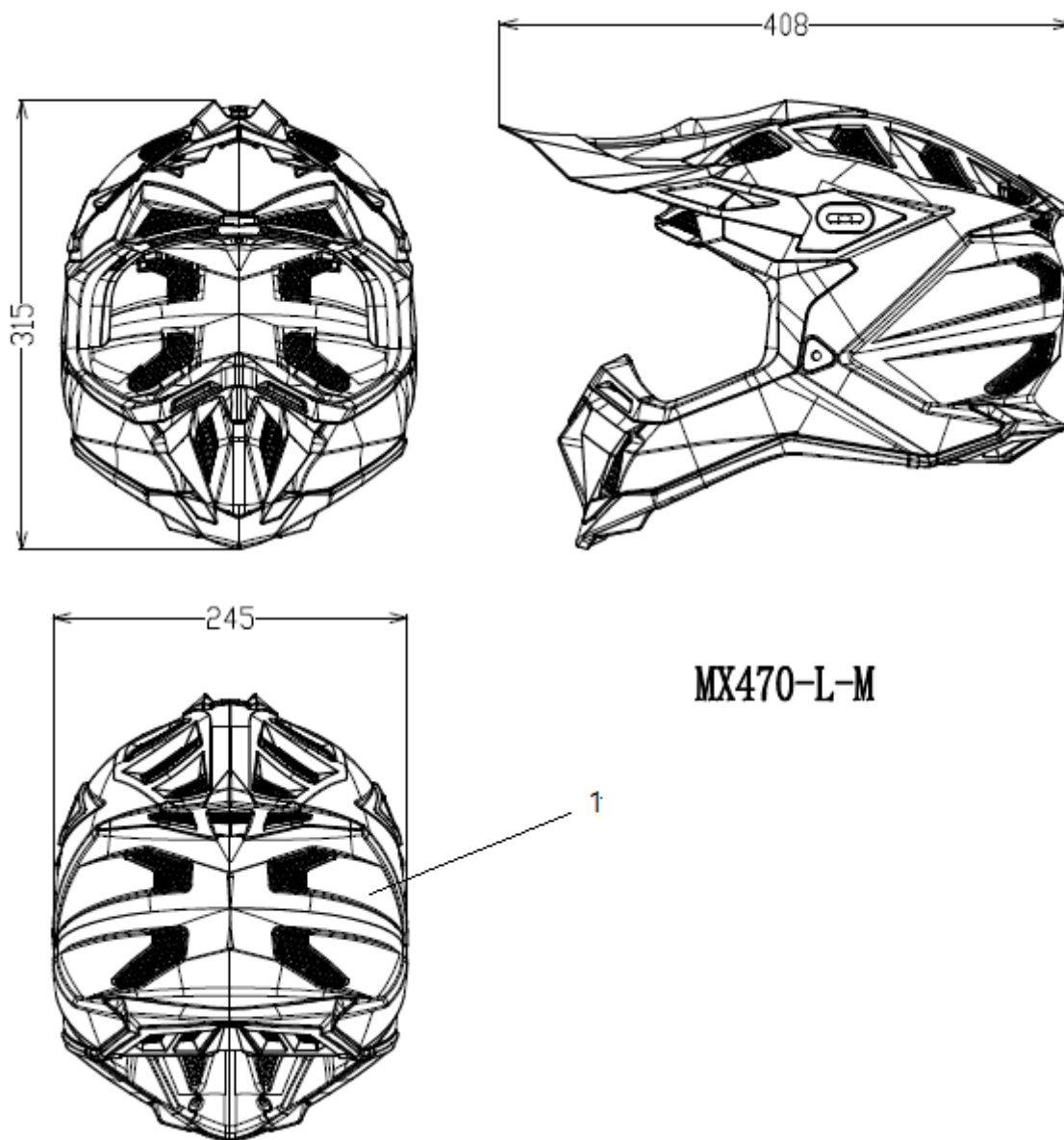
R22-MX470-04

Type : MX470

Date:31.08.2020

Manufacture : Jiangmen Pengcheng Helmets Ltd.

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Unit: mm

Number	Name	Parameter	Number	Name	Parameter
1	Shell	ABS			
<b>Description</b>	MX470 L-M Shell		<b>Code No.:</b>	MX470.2.2	
<b>Manufacturer:</b>	Jiangmen Pengcheng Helmets Ltd.				
<b>Address:</b>	No.01-7, Dongsheng Road, Gonghe Town, Heshan City, Guangdong Province, China				
<b>Drawn by:</b>	Xinsheng Liu	<b>Checked by:</b>	Xinsheng Liu	<b>Approved by:</b>	YouJun Feng
<b>Date:</b>	13.03.2017	<b>Date:</b>	16.03.2017	<b>Date:</b>	20.03.2017

R22 E1\*22R05/03\*300648\*04



# INFORMATION DOCUMENT

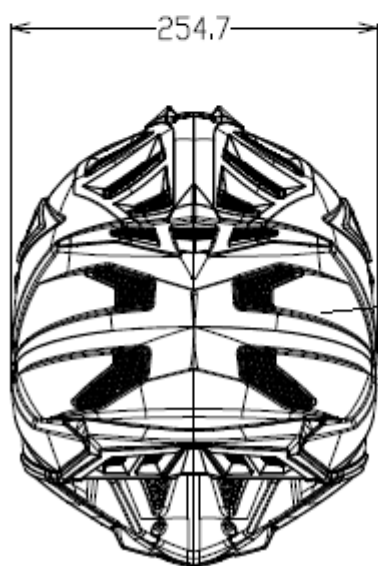
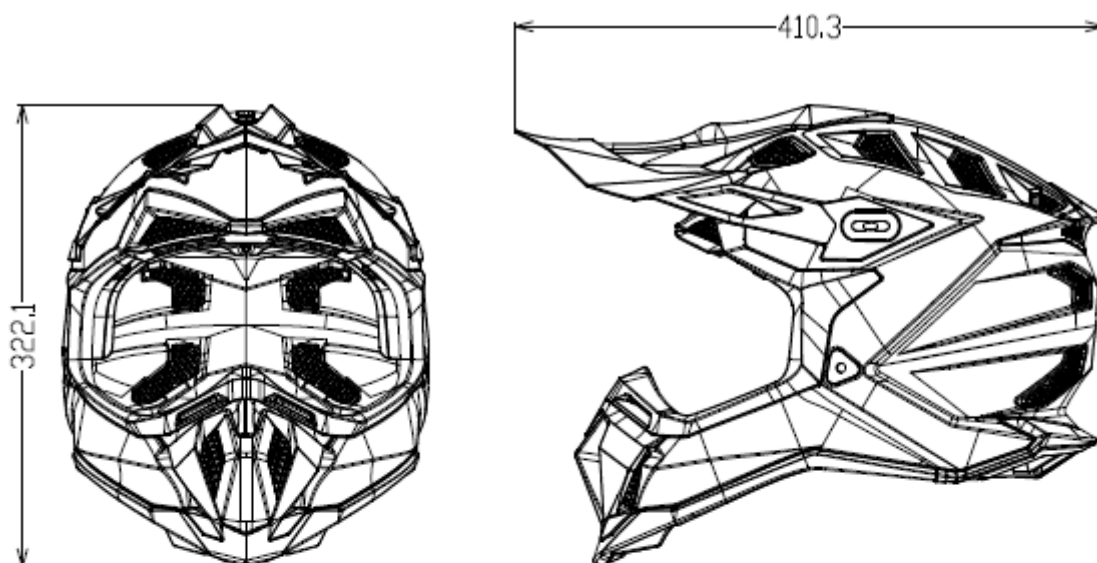
R22-MX470-04

Type : MX470

Date:31.08.2020

Manufacture : Jiangmen Pengcheng Helmets Ltd.

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### MX470-XXXL-XL

Unit: mm

Number	Name	Parameter	Number	Name	Parameter
1	Shell	ABS			
<b>Description</b>	MX470 XXXL-XL Shell		<b>Code No.:</b>	MX470.2.3	
<b>Manufacturer:</b>	Jiangmen Pengcheng Helmets Ltd.				
<b>Address:</b>	No.01-7, Dongsheng Road, Gonghe Town, Heshan City, Guangdong Province, China				
<b>Drawn by:</b>	Xinsheng Liu	<b>Checked by:</b>	Xinsheng Liu	<b>Approved by:</b>	YouJun Feng
<b>Date:</b>	13.03.2017	<b>Date:</b>	16.03.2017	<b>Date:</b>	20.03.2017

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# INFORMATION DOCUMENT

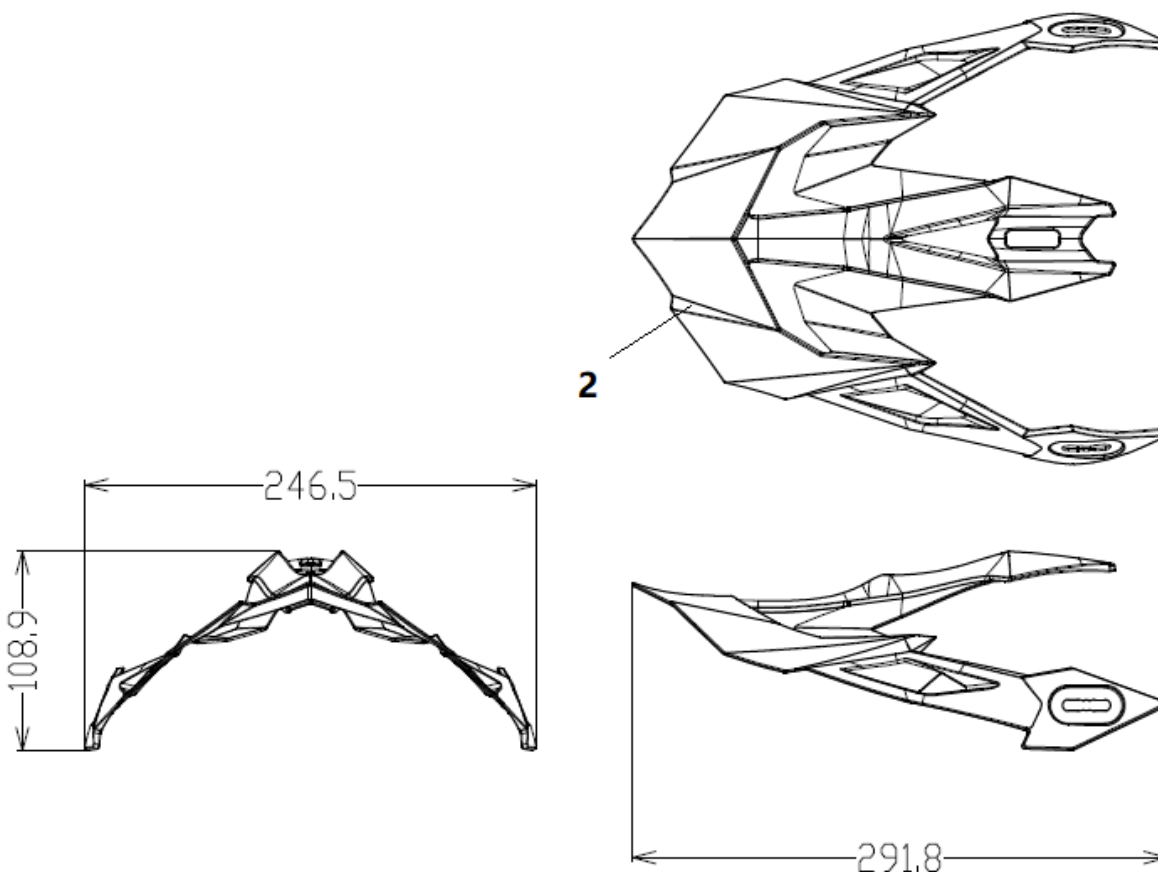
R22-MX470-04

Type : MX470

Date:31.08.2020

Manufacture : Jiangmen Pengcheng Helmets Ltd.

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## MX470-XXXL-XS

Unit: mm

Number	Name	Parameter	Number	Name	Parameter
2	Peak	ABS			
<b>Description</b>	MX470 XXXL-XS Peak		<b>Code No.:</b>	MX470.2.4	
<b>Manufacturer:</b>	Jiangmen Pengcheng Helmets Ltd.				
<b>Address:</b>	No.01-7, Dongsheng Road, Gonghe Town, Heshan City, Guangdong Province, China				
<b>Drawn by:</b>	Xinsheng Liu	<b>Checked by:</b>	Xinsheng Liu	<b>Approved by:</b>	Xing Chen
<b>Date:</b>	31.08.2020	<b>Date:</b>	31.08.2020	<b>Date:</b>	31.08.2020

R22 E1\*22R05/03\*300648\*04





INFORMATION DOCUMENT

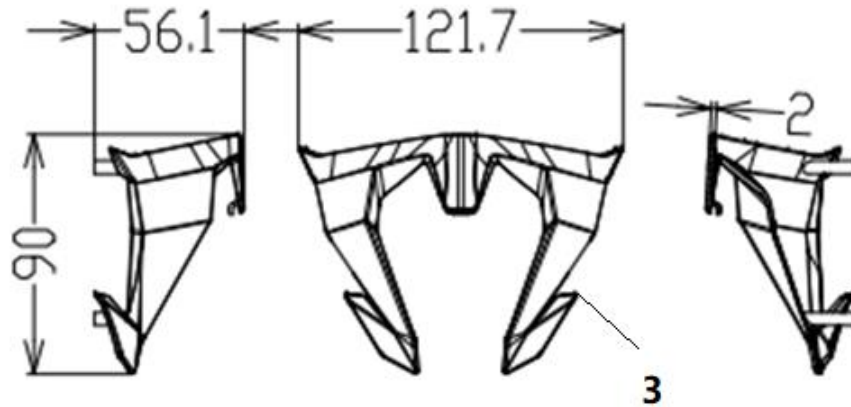
R22-MX470-04

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Manufacture : Jiangmen Pengcheng Helmets Ltd.

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下巴风窗  
mouth vent



后风窗  
back vent

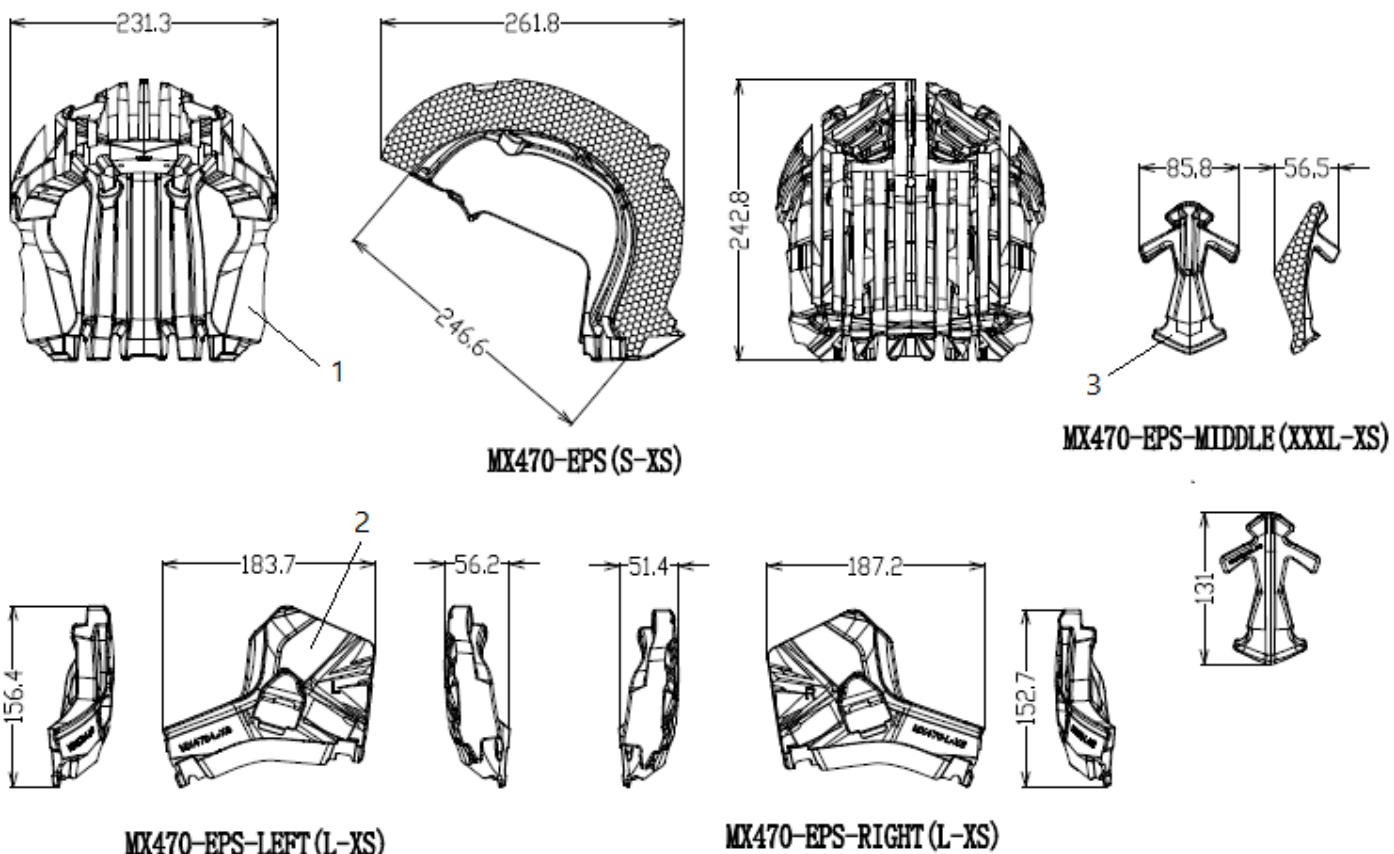
Unit: mm

Number	Name	Parameter	Number	Name	Parameter
3	Mouth Vent	ABS	4	Rear Vent	ABS
<b>Description</b>		MX470 Ventilations		<b>Code No.:</b> MX470.2.5	
<b>Manufacturer:</b>		Jiangmen Pengcheng Helmets Ltd.			
<b>Address:</b>		No.01-7, Dongsheng Road, Gonghe Town, Heshan City, Guangdong Province, China			
<b>Drawn by:</b>		<b>Checked by:</b>	Xinsheng Liu	<b>Approved by:</b>	Xing Chen
<b>Date:</b>		<b>Date:</b>	31.08.2020	<b>Date:</b>	31.08.2020

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Annex 3: Drawing of the protective padding



Unit: mm

Number	Name	Parameter	Number	Name	Parameter
1	Main Protective Padding	EPS	3	Mouth Protective Padding	EPS
2	Ear Protective Padding	EPS			
<b>Description</b>	MX470 S-XS Protective padding		<b>Code No.:</b>	MX470.3.1	
<b>Manufacturer:</b>	Jiangmen Pengcheng Helmets Ltd.				
<b>Address:</b>	No.01-7, Dongsheng Road, Gonghe Town, Heshan City, Guangdong Province, China				
<b>Drawn by:</b>	Xinsheng Liu	<b>Checked by:</b>	Xinsheng Liu	<b>Approved by:</b>	YouJun Feng
<b>Date:</b>	13.03.2017	<b>Date:</b>	16.03.2017	<b>Date:</b>	20.03.2017

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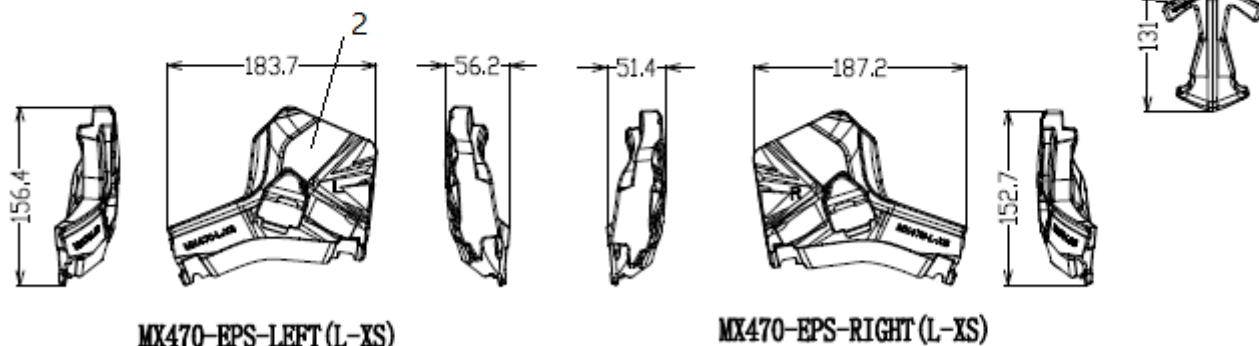
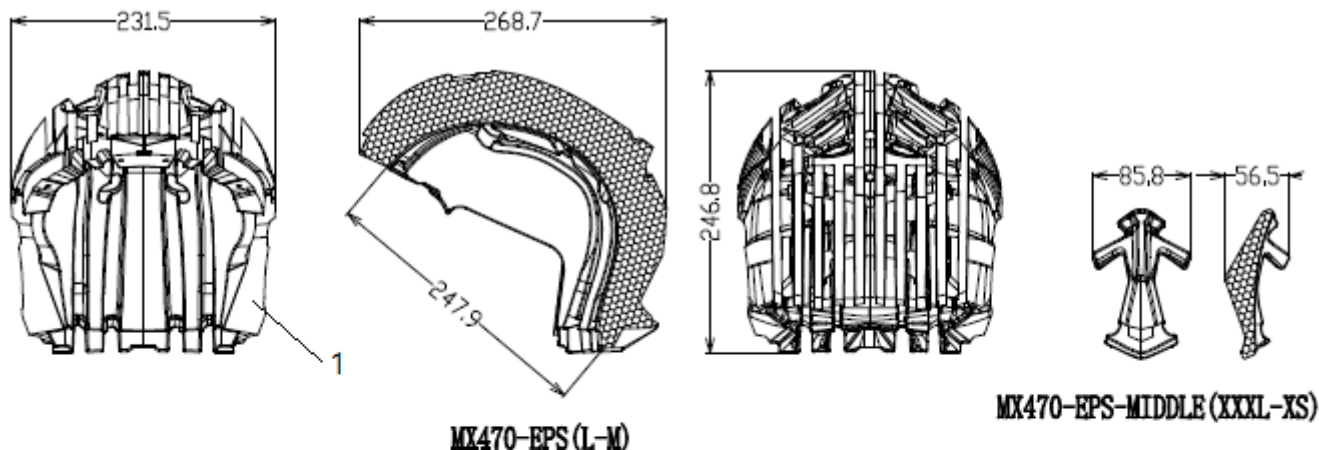


INFORMATION DOCUMENT

R22-MX470-04

Type : MX470
Manufacture : Jiangmen Pengcheng Helmets Ltd.

Date:31.08.2020
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MX470-EPS (L-M)

Unit: mm

Table with 6 columns: Number, Name, Parameter, Number, Name, Parameter. It lists protective padding details for MX470 L-M, including Main Protective Padding, Ear Protective Padding, and Mouth Protective Padding, along with manufacturer and address information.

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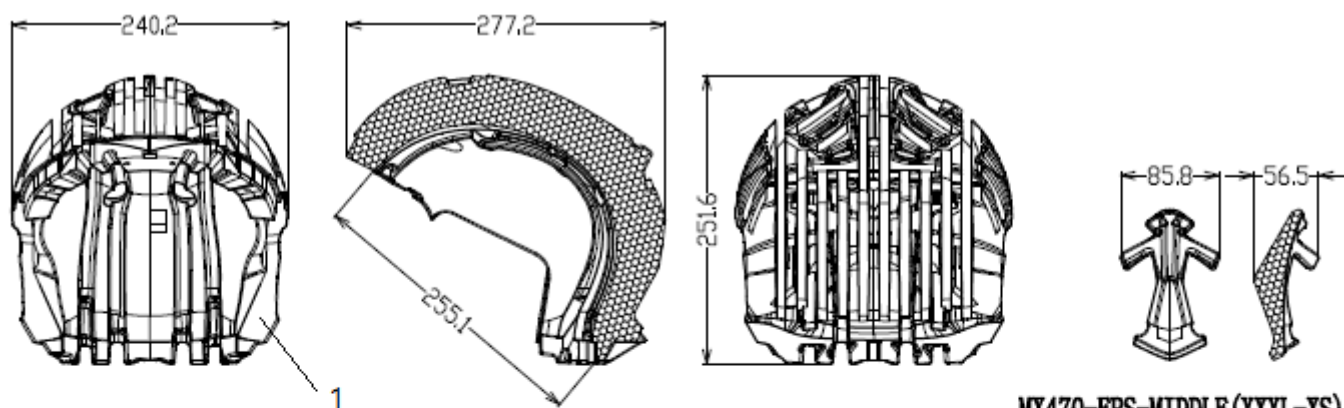
INFORMATION DOCUMENT

R22-MX470-04



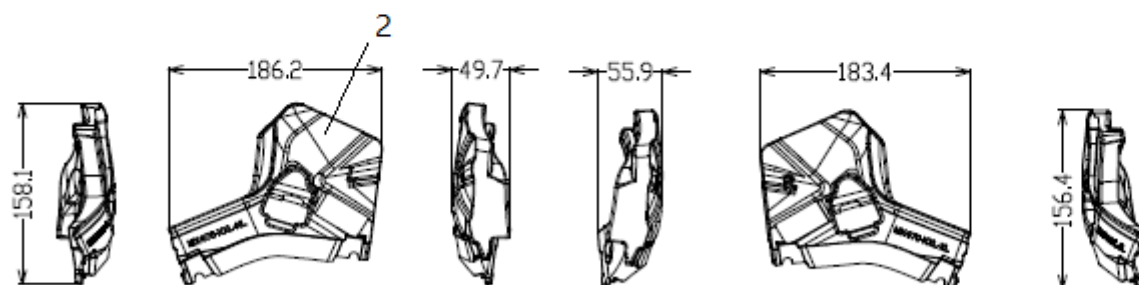
Type : MX470  
 Manufacture : Jiangmen Pengcheng Helmets Ltd.

Date:31.08.2020  
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MX470-EPS (XXXL-XL)

MX470-EPS-MIDDLE (XXXL-XS)



MX470-EPS-LEFT (XXXL-XL)

MX470-EPS-RIGHT (XXXL-XL)

Unit: mm

Number	Name	Parameter	Number	Name	Parameter
1	Main Protective Padding	EPS	3	Mouth Protective Padding	EPS
2	Ear Protective Padding	EPS			
<b>Description</b>	FF353 XXXL-XL Protective Padding		<b>Code No.:</b>	FF353.3.3	
<b>Manufacturer:</b>	Jiangmen Pengcheng Helmets Ltd.				
<b>Address:</b>	No.01-7, Dongsheng Road, Gonghe Town, Heshan City, Guangdong Province, China				
<b>Drawn by:</b>	Xinsheng Liu	<b>Checked by:</b>	Xinsheng Liu	<b>Approved by:</b>	YouJun Feng
<b>Date:</b>	13.03.2017	<b>Date:</b>	16.03.2017	<b>Date:</b>	20.03.2017

R22 E1\*22R05/03\*300648\*04



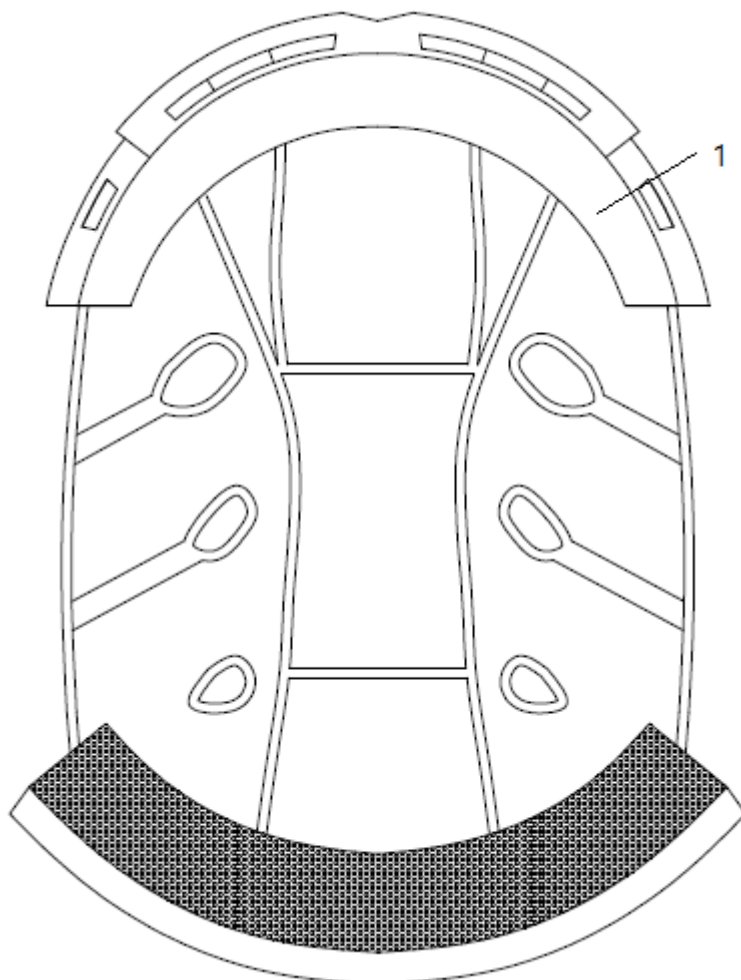
Type : MX470

Date:31.08.2020

Manufacture : Jiangmen Pengcheng Helmets Ltd.

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Annex 4: Drawing of the comfort padding

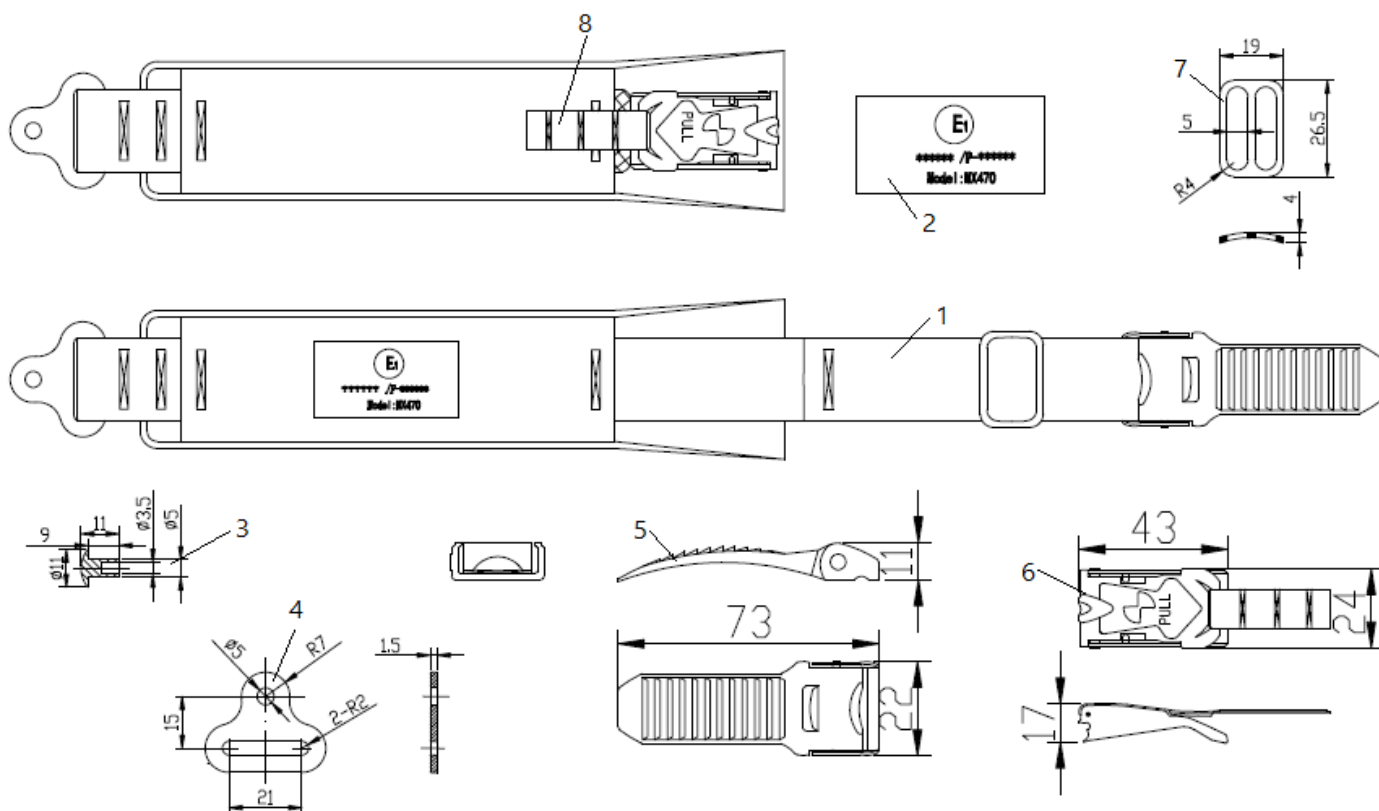


R22 E1\*22R05/03\*300648\*04

Number	Name	Material	Number	Name	Material
1	Comfort Padding	Compound sponge + Cloth			
<b>Description</b>	MX470 Comfort Padding		<b>Code No.:</b>	MX470.4	
<b>Manufacturer:</b>	Jiangmen Pengcheng Helmets Ltd.				
<b>Address:</b>	No.01-7, Dongsheng Road, Gonghe Town, Heshan City, Guangdong Province, China				
<b>Drawn by:</b>	Xinsheng Liu	<b>Checked by:</b>	Xinsheng Liu	<b>Approved by:</b>	YouJun Feng
<b>Date:</b>	13.03.2017	<b>Date:</b>	16.03.2017	<b>Date:</b>	20.03.2017



Annex 5: Drawing of the retention system



Unit: mm

Number	Name	Material	Number	Name	Material
1	Chin Strap	Nylon	5	Slider Bar	Polycarbonate + Steel
2	ECE Marking	Cloth	6	Quick Release Buckle	Polycarbonate + Steel
3	Rivet	Steel	7	"B" Ring	Nylon
4	Hinge	Steel	8	Red Small Strap	Nylon
<b>Description</b>	MX470 Retention system (15 Buckle)		<b>Code No.:</b>	MX470.5.1	
<b>Manufacturer:</b>	Jiangmen Pengcheng Helmets Ltd.				
<b>Address:</b>	No.01-7, Dongsheng Road, Gonghe Town, Heshan City, Guangdong Province, China				
<b>Drawn by:</b>	Xinsheng Liu	<b>Checked by:</b>	Xinsheng Liu	<b>Approved by:</b>	YouJun Feng
<b>Date:</b>	13.03.2017	<b>Date:</b>	16.03.2017	<b>Date:</b>	20.03.2017

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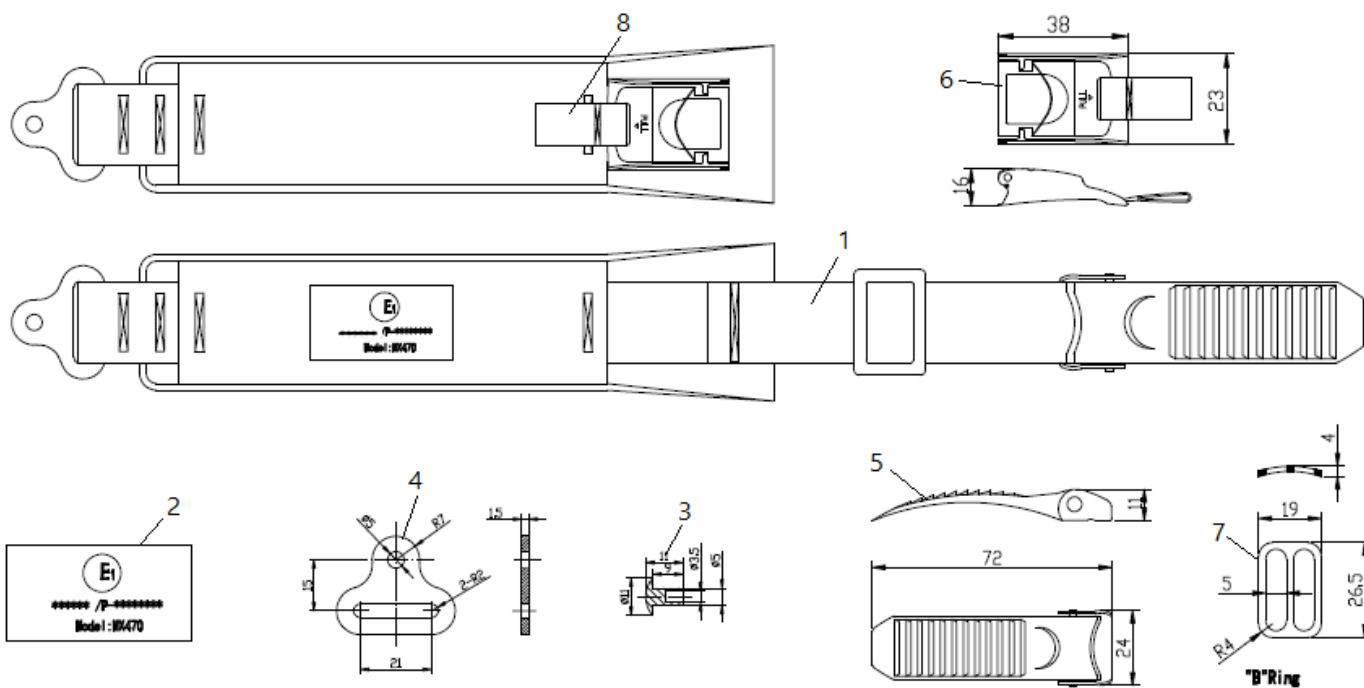


**INFORMATION DOCUMENT**

R22-MX470-04

Type : MX470  
 Manufacture : Jiangmen Pengcheng Helmets Ltd.

Date:31.08.2020  
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Unit: mm

Number	Name	Material	Number	Name	Material
1	Chin Strap	Nylon	5	Slider Bar	Polycarbonate + Steel
2	ECE Marking	Cloth	6	Quick Release Buckle	Polycarbonate + Steel
3	Rivet	Steel	7	"B" Ring	Nylon
4	Hinge	Steel	8	Red Small Strap	Nylon
<b>Description</b>	MX470 Retention system (17 Buckle)		<b>Code No.:</b>	MX470.5.2	
<b>Manufacturer:</b>	Jiangmen Pengcheng Helmets Ltd.				
<b>Address:</b>	No.01-7, Dongsheng Road, Gonghe Town, Heshan City, Guangdong Province, China				
<b>Drawn by:</b>	Xinsheng Liu	<b>Checked by:</b>	Xinsheng Liu	<b>Approved by:</b>	YouJun Feng
<b>Date:</b>	13.03.2017	<b>Date:</b>	16.03.2017	<b>Date:</b>	20.03.2017

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# INFORMATION DOCUMENT

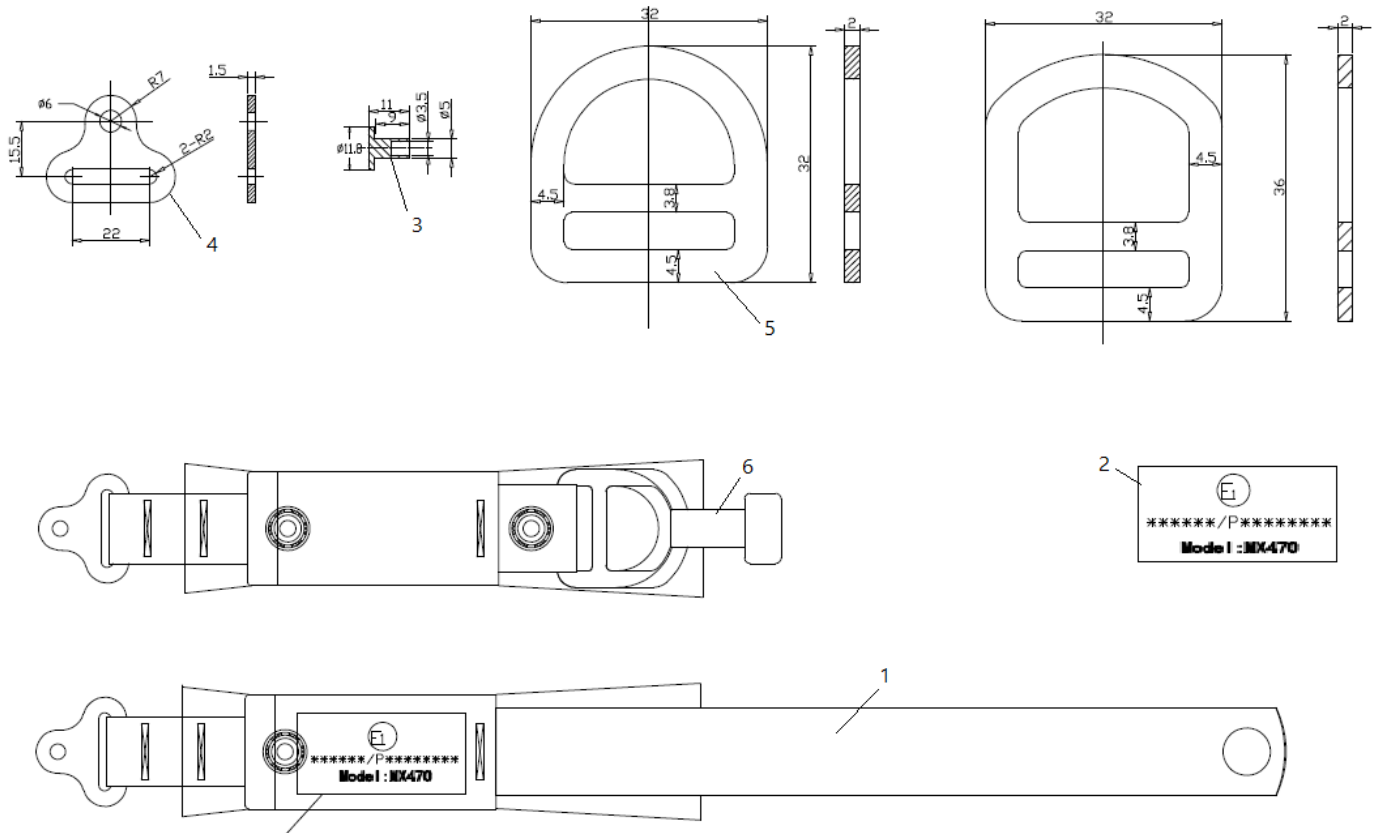
R22-MX470-04

Type : MX470

Date:31.08.2020

Manufacture : Jiangmen Pengcheng Helmets Ltd.

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Unit: mm

Number	Name	Material	Number	Name	Material
1	Chin Strap	Nylon	4	Hinge	Steel
2	ECE Marking	Cloth	5	Double "D" Ring	Steel
3	Rivet	Steel	6	Red Small Strap	Nylon
<b>Description</b>	MX470 Retention system (Double "D" Ring)		<b>Code No.:</b>	MX470.5.3	
<b>Manufacturer:</b>	Jiangmen Pengcheng Helmets Ltd.				
<b>Address:</b>	No.01-7, Dongsheng Road, Gonghe Town, Heshan City, Guangdong Province, China				
<b>Drawn by:</b>	Xinsheng Liu	<b>Checked by:</b>	Xinsheng Liu	<b>Approved by:</b>	YouJun Feng
<b>Date:</b>	13.03.2017	<b>Date:</b>	16.03.2017	<b>Date:</b>	20.03.2017

R22 E1\*22R05/03\*300648\*04



# INFORMATION DOCUMENT

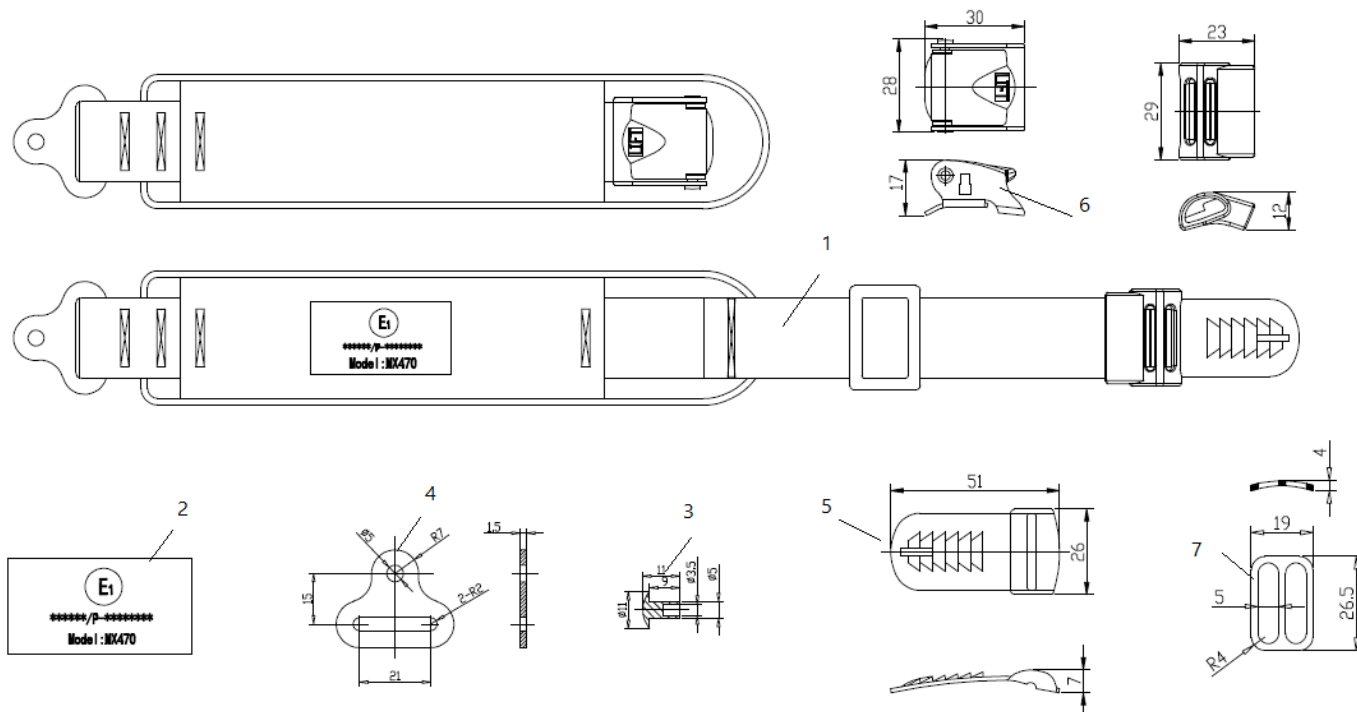
R22-MX470-04

Type : MX470

Date:31.08.2020

Manufacture : Jiangmen Pengcheng Helmets Ltd.

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Unit: mm

Number	Name	Material	Number	Name	Material
1	Chin Strap	Nylon	5	Slider Bar	Polycarbonate + Steel
2	ECE Marking	Cloth	6	Quick Release Buckle	Polycarbonate + Steel
3	Rivet	Steel	7	"B" Ring	Nylon
4	Hinge	Steel			
<b>Description</b>	MX470 Retention system (10 Buckle)		<b>Code No.:</b>	MX470.5.4	
<b>Manufacturer:</b>	Jiangmen Pengcheng Helmets Ltd.				
<b>Address:</b>	No.01-7, Dongsheng Road, Gonghe Town, Heshan City, Guangdong Province, China				
<b>Drawn by:</b>	Xinsheng Liu	<b>Checked by:</b>	Xinsheng Liu	<b>Approved by:</b>	YouJun Feng
<b>Date:</b>	13.03.2017	<b>Date:</b>	16.03.2017	<b>Date:</b>	20.03.2017

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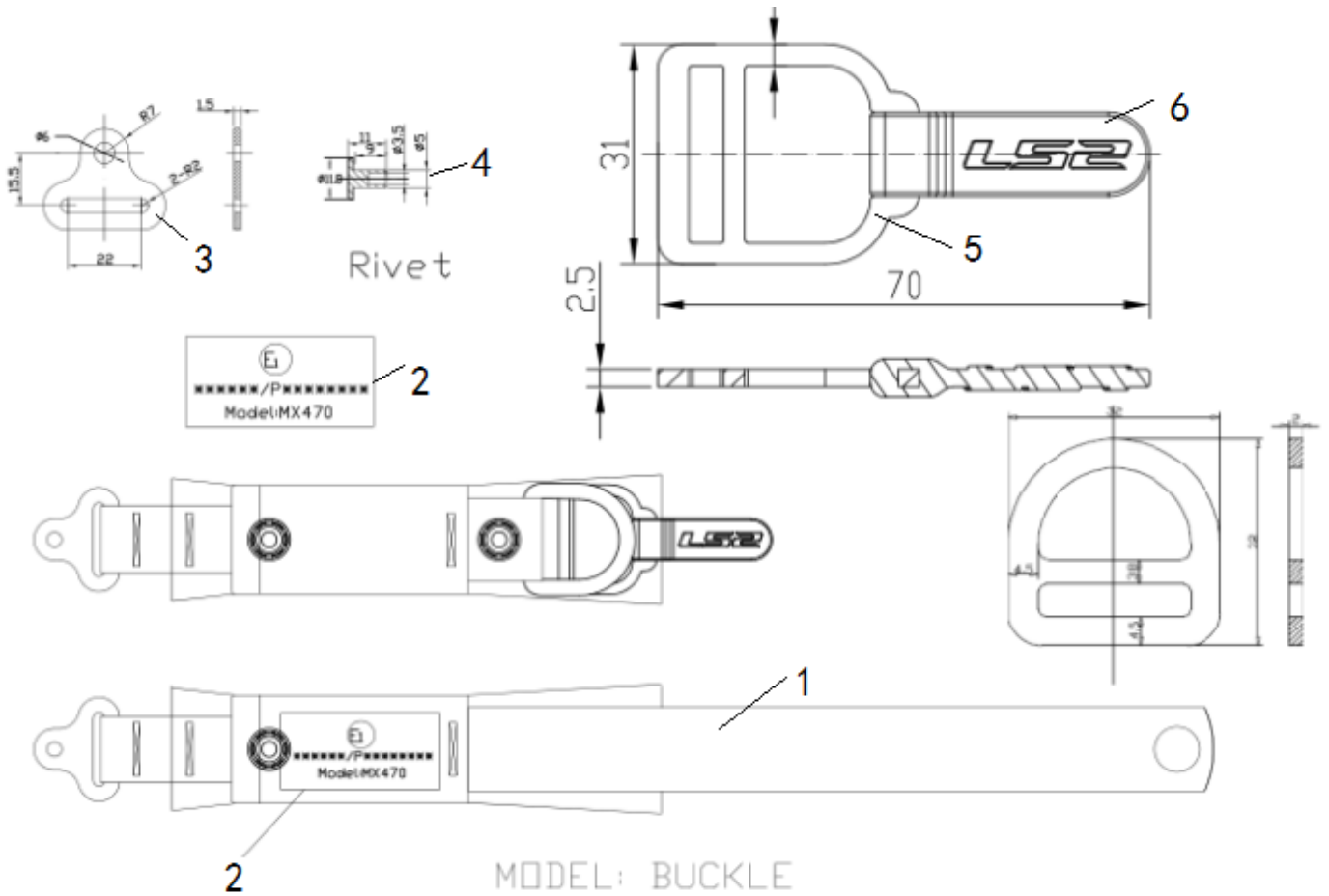
INFORMATION DOCUMENT

R22-MX470-04



Type : MX470  
 Manufacture : Jiangmen Pengcheng Helmets Ltd.

Date:31.08.2020  
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Unit: mm

Number	Name	Material	Number	Name	Material
1	Chin Strap	Nylon	4	Hinge	Steel
2	ECE Marking	Cloth	5	Double "D" Ring	Steel
3	Rivet	Steel	6	Red Small Strap	Nylon
<b>Description</b>	MX470 Retention system (New Double "D" Ring)		<b>Code No.:</b>	MX470.5.5	
<b>Manufacturer:</b>	Jiangmen Pengcheng Helmets Ltd.				
<b>Address:</b>	No.01-7, Dongsheng Road, Gonghe Town, Heshan City, Guangdong Province, China				
<b>Drawn by:</b>	Xinsheng Liu	<b>Checked by:</b>	Xinsheng Liu	<b>Approved by:</b>	YouJun Feng
<b>Date:</b>	18.12.2018	<b>Date:</b>	18.12.2018	<b>Date:</b>	18.12.2018

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Annex 6: Information for wearer

Congratulations on purchasing your new LS2 helmet. Please read these instructions carefully before use. They contain valuable informations to help you obtain the most protection from your helmet and to ensure a longer life for your helmet.

- 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.
3. If you have any questions or comments concerning this helmet, please contact your nearest LS2 dealer or agent.

HOW TO CHOOSE A HELMET AND WEAR IT CORRECTLY

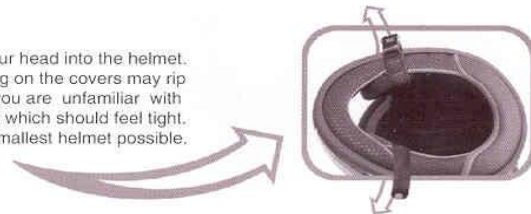
No helmet can protect the wearer against all foreseeable high speed and low speed impact, however, for maximum head protection the helmet must be of proper fit and the retention system must be securely fastened under the chin.

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.



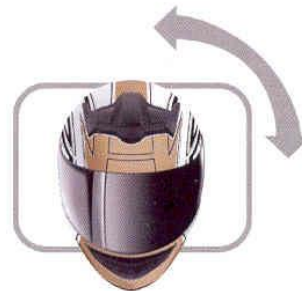
3 Check for a proper fit. With the helmet, go through the following checklist to determine whether the helmet is the correct size.

- 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.



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.



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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**8**

**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.

**10**

**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 or 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.

