



**MINGHUI OUTDOOR EQUIPMENT
MANUFACTURING COMPANY**



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MCHU 明辉
OUTDOOR EQUIPMENT

金华市明辉户外装备有限公司
Minghui Outdoor Equipment
Manufacturing Company

BRIEF INTRODUCTION

金华市明辉户外装备有限公司成立于2005年，坐落于浙江省金华市，是一家主营折叠铲、雪铲、木柄锹、水壶、饭盒等户外装备的生产制造型企业。公司产品广泛应用于国内外军队、户外野营休闲以及抢险救灾等领域。

明辉装备多年来一直致力于产品的不断创新和与时俱进，设计制造水准保持业界领先，是国内最专业的折叠铲生产厂家。公司产品销售覆盖国内20余个省市自治区，常年出口欧洲、北美、南美洲、中东、东亚等40余个国家和地区，深受广大买家的青睐与好评。

公司厂区建筑面积12000余平米，有冲压车间，注塑车间，包装车间等，拥有网带热处理流水线、注塑流水线、包装流水线，数十台冲床、车床、磨床，以及液压机、磨刀机、抛丸机、铣床、钻床等机器设备，年产量逾2,000,000套。

公司为进一步提高产品、服务及销售水平，加强并不断完善企业管理，通过了ISO 9001:2008质量管理体系认证，并取得了REACH、TUV、BV、SGS、ROHS、GMC等多项认证及证书。产品符合中国及欧美国家行业标准，多次获得各项荣誉。

"团结务实、不断超越"明辉装备坚持以人为本，诚信经营，真诚期待与国内外客户友好合作，实现共赢！



Minghui Outdoor Equipment Manufacturing Company was founded in 2005, we are a manufacturer and specialized in Folding Shovel, Military Shovel, Snow Shovel, Wooden Handle Shovel, Canteen, Messin, Belt, and all kinds of Protective Equipment. The products are widely used in military, outdoor, camping, travelling, gardening emergency rescue and disaster relief etc. Minghui has been committed to product innovation and advancing with the times since we found. Our design and manufacture level keep leading in China, we are the most professional manufacturer of folding shovels. Company products covering domestic more than 20 provinces, and exporting to Europe, North America, South America, Middle East, East Asia, etc, highly acclaimed by buyers from more than 40 countries and regions.

Our factory covers an area of 12,000 square meters, with an annual output of more than 2,000,000 sets. We have workshops for Molding, Spraying, Assembling, Packing, and several production line of heat treatment, powder coating, and packing etc. Dozens of punching machine, lathe, grinder, and hydraulic press, shot blasting machine, milling machine, drilling machine, etc.

In order to further improve our products, service and sales, we strengthen our management, got certificates of ISO9001:2008, REACH, TUV, BV, SGS, ROHS, GMC etc. Products comply with Europe and U.S. standards. "Unity practical, constantly beyond", MINGHUI insist on quality first and customer satisfaction, we are looking forward to cooperation with you !

办公楼

OFFICE BUILDING



人是企业中最宝贵的资源，尊重个人，充分授权，重视环境和员工素质，是企业发展的动力之源。

Manpower is the most valuable resources of enterprise, respecting for personality, fully authorized, and attaching importance to the environment and employee quality, which are the sources of power for development of enterprise.



样品间展会



SHOWROOM & EXHIBITION

诚信，担当，创新，尊重，共赢
让户外生活更轻松便捷，装备更精致！

车间场景

WORKSHOP SCENE

以高标准，高要求为用户提供优质，创新产品
以高效，快速的响应力提供专业化的技术支持，为用户创造更高的价值。

To a high standard, high requirements to provide users with high-quality, innovative products, efficient, rapid response force to provide specialized technical support to create higher value for the user.



TEST EQUIPMENT 测试设备



COOPERATION BRAND



我们合作的品牌



企业证书

ENTERPRISE CERTIFICATE



团结务实 不断超越

PRAGMATIC SOLIDARITY CONTINUOUSLY EXCEED



REACH

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FOLDING SHOVEL-BIG SIZE



301L

Blade:22x15.5cm
Open:58.5x15.5cm
Close:24x15.5cm



Nail Puller

**Ergonomically Designed
NYLON HANDLE**



Solid Pouch



301N

Blade:22x15.5cm
Open:59x15.5cm
Close:24x15.5cm



Sawtooth

Nail Puller



301

Blade:22x15.5cm
Open:59x15.5cm
Close:24x15.5cm

NYLON HANDLE



WELD



301A

Blade:22x15.5cm
Open:59x15.5cm
Close:24x15.5cm



RIVET

302N

Blade:21.5x15cm
Open:58x15cm
Close:23x15cm



309

Blade:21x14.5cm
Open:57.5x14.5cm
Close:24x14.5cm



3042

Blade:21.5x15cm
Open:58x15cm
Close:23x15cm





302LN

ZL 2015 2 0468770.9
MINGHUI 专利号:

Blade:21.5x15cm
Open:58x15cm
Close:23x15cm
Thickness:2.0-2.5mm



201 stainless steel Calotte Bring
high resistance to tension for handle.

Aluminum (6061) tube: $\phi 32 \times 3 \times 128$ mm.
Heat treatment(timeless)
Firm and dustproof because of Gasket inside Nylon
and 30% Fiber inner plunger in both two side.

Stainless steel spring inside Easy to Tranform between
folded and unfolded.

Locknut. Heat treatment for stud bolt
connecting sheet:50#steel
Heat treatment, rigidity: 40°-45°
have stop-off strip for strenger

Material: 65Mn
Thickness: 2.5mm
Heat treatment, HRC:42°-46°

Total length when unfolded: 580mm
Test: whenpin down the shovel head,
You can add 68kg weight on the handle
without any deformation of shovel.

**Aluminum (6061)rectangular
tube: $\phi 25$,**
Thickness: 1.5mm.
Heat treatment(timeless)
Calotte(square)65 Mn, thickness: 2.5mm.
Heat treatment, rigidity : 46°-49°
Beveling the splines ,keep away from scuffing

Aluminum Super Nut.
Have 201stainless steel
Calotte inside, keep out of
clay and gravel.

Aluminum (6061)rectangular tube.
205x18x13mm, thickness: 2.5mm.
Heat treatment

connecting sheet:50#steel. Thickness: 2.5mm.
Heat treatment, rigidity : 45°-49°Stronger

Strengthen sawtooth.
Shape for edge:30°x5



**EVA material
No rupture in winter**
Plastic cover
L:24.5cm
W:16cm
H:6cm



Steel Handle

302T

Blade:21x15.5cm
Open:58x15.5cm
Close:23.5x15.5cm
Thickness:2.0-2.5cm



- High strength Carbon steel sharp blade,
- Thickness: 2.5mm
- Whole Blade can be heat treated ,
Rigidity: 42°-46°



Aluminum Handle

302L

Blade:21x15cm
Open:58x15cm
Close:24x15cm
Thickness:2.0-2.5cm



308

Blade:21.5x15cm
Open:58x15cm
Close:24x15cm



303

Blade:21x15cm
Open:58x15cm
Close:24x15cm



- High strength Carbon steel sharp blade,
- Whole Blade can be heat treated ,Rigidity: 42°-46°



303G

ZL 2014 2 0011895.4
MINGHUI 专利号:

Blade:21x15cm
Open:58x15cm
Close:24x15cm

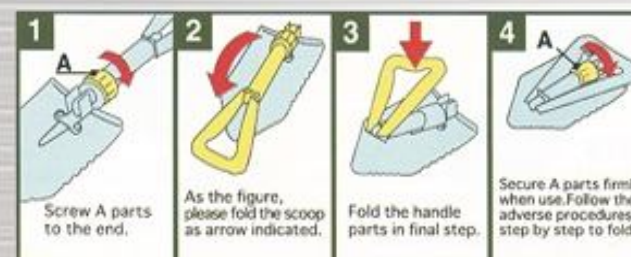


304G

Blade:21.5x15cm
Open:58x15cm
Close:24x15cm
Thickness:1.5-2.5mm



MILITARY STYLE



- High strength Carbon steel sharp blade,
- Thickness: 1.5 - 2.5mm
- Whole Blade can be heat treated ,Rigidity: 42°-46°



HOT 热销

304

Blade:21x15cm
Open:58x15cm
Close:24x15cm
Thickness:1.5-2.5mm



FOLDING SHOVEL-BIG SIZE

带加强筋的新款铲面
Improved blade

305A

Blade:21x14.5cm
Open:57.5x14.5cm
Close:24x14.5cm



OLD
BLADE DESIGN

305

Blade:21x14.5cm
Open:57.5x14.5cm
Close:24x14.5cm



306G

Blade:21x15cm
Open:57.5x15cm
Close:24x15cm

- High strength Carbon steel sharp blade,
- Whole Blade can be heat treated, rigidity: 42°-46°



Can add rubber coating
把手可包胶

305G

Blade:21x15cm
Open:57.5x15cm
Close:24x15cm

OLD
BLADE DESIGN



NEW
BLADE DESIGN

Blade design will be same as Item 305

306A

Blade:21x14.5cm
Open:58x15cm
Close:24x15cm



306

Blade:21x14.5cm
Open:57.5x14.5cm
Close:24x14.5cm



306E

Blade:27x19.5cm
Open:65.5x19.5cm
Close:30x19.5cm



OUTSIZE

306D

Blade:21x15cm
Open:58x15cm
Close:24x15cm



306F

Blade:21x15cm
Open:58x15cm
Close:24x15cm



306N

HOT
热销





WOODEN HANDLE SHOVEL

409

Blade: 22x16cm
Length: 60cm

Chinses Army Desgin

- High strength Carbon steel sharp blade,
- Thickness: 1.5-2.5mm
- Whole Blade can be heat treated, rigidity: 42°-46°



Standard

409A

Blade: 28x21cm
Open: 82x21cm
Close: 66x21cm



409S

Length: 62.5cm



409SH

Length: 62.5cm
不锈钢 Stainless steel



411

Blade: 21x15cm
Open: 59cm
Fold: 22cm



Improved Military Quality

Sharp edge

- High strength Carbon steel sharp blade,
- Thickness: 2.0mm
- Whole Blade can be heat treated, rigidity: 42°-46°



Reinforced connection

POUCH FOR 407T-2



407T-2

Blade: 44x26cm
Fold: 22acm

407T

Blade: 9x6.5cm
Open: 52x6.5cm
Fold: 44cm



G18

Blade: 18x14cm
Length: 58cm



407A

Blade: 9x6.5cm
Open: 52x6.5cm
Fold: 44cm



407

Blade: 9x6.5cm
Open: 52x6.5cm
Fold: 44cm

MP110

FIREMAN TOOLS SET



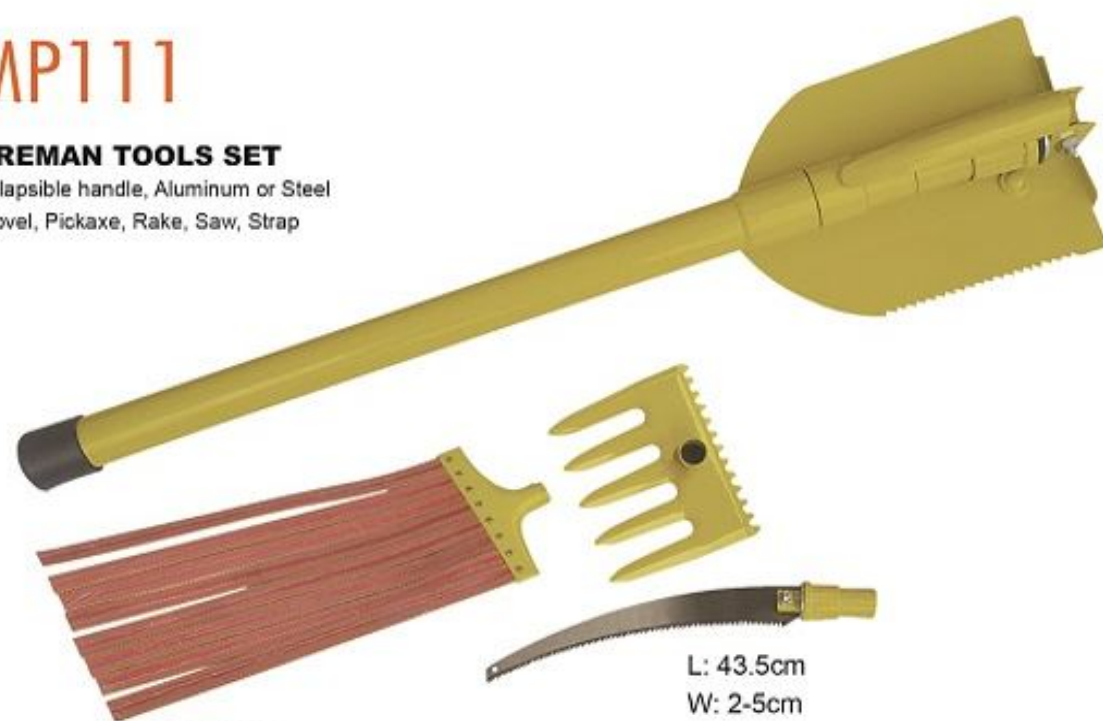
L: 50cm
W: 19cm

L: 20.8cm
W: 17.8cm

MP111

FIREMAN TOOLS SET

- Collapsible handle, Aluminum or Steel
- Shovel, Pickaxe, Rake, Saw, Strap



L: 75cm
W: 19cm

L: 43.5cm
W: 2-5cm

MP112



Fireman Set. HRC: 50°
45#CRS(Cold Rolled Steel)Forging

MP113

Rescue unit

汽车救生套装
Car survival set



30x17cm



LENGTH
69.5cm

69.5cm

63cm





0.8L

1.2L

CT10

Stainless Steel



CT11

Material: aluminum
Capacity: 0.8L&1.0L



CT01A

Military Canteen Set(bottle, cup&cover)



CT01C

Aluminum cup



CT01P

Material: PE
Capacity: 1L
Weight: 100g-130



01A



01B



01C

Canvas



01D

CT02

Material: HDPE



CT04

Capacity: 0.8L&1.0L
Aluminum



CT03

Material: PE
Weight: 200g





CT12

Material: aluminum
Capacity: 1.3L

Canvas Cover



CT05

Material: aluminum
Capacity: 1L



CT30

Fold/collapsible cup



15

Weight: 175g
H: 6.3cm
L: 18.5cm
W: 13.3cm

Weight: 180g
H: 5.5cm
L: 16.6cm
W: 12.3cm

CT21

Aluminum Mess Tin Set

CT20

Aluminum Mess Tin Set



L: 18cm
W: 13cm
H: 7cm



Weight: 220g
L: 17cm
W: 13cm
H: 4.8cm

Weight: 170g
L: 15cm
W: 11cm
H: 5.3cm

Weight: 130g
L: 16.5cm
W: 12.5cm
H: 4.5cm



L: 18.5cm
W: 11cm
H: 13.5cm



H: 12.8cm

L: 17.3cm
W: 10cm
H: 3cm

L: 18.5cm
W: 11cm

CT23 Aluminum Mess Tin



H: 13.5cm



H: 5.8cm

12cm

H: 6.5cm

H: 13.5cm

CT22 German Type Lunch-box



CT24

L: 21.8cm
W: 16.5cm



L: 20.8/41.5cm
W: 16.5cm
H: 5.3cm

Stainless steel lunch-box



BATON

- 3-section magnetic expansion
- Carbon Steel/Mn-Steel
- Ametabolic after hit



BT01



BT02



BT03



BT04



BT05



COLLAPSIBLE TYPE



BATON HOLDER

FA01

BACKPACK FRAME

- Aluminum or Steel
- Durable
- Light Weight



FA02



FB03



FB02



BL02



BL03

BL04

BL05

BL06

BL07

BL08

BL09



BL10

BL11

BL12

BUCKLE





PD03

PD04



PD05



PD06



PD01



PD02

AR01



HT01



AR02

Hard type Riot control armor

Total protection area: >1.08 m²

Material: High-performance engineering plastics, ultra high molecular weight polyethylene fiber, aluminium alloy groin

Penetration resistance: nopenetretion by 20J kinetic energy

Impact strength: no damage, no crack no protection layer by 120J kinetic energy

Energy absorbency: impress not over 20mm by 100J kinetic energy

Flame resistance: measure up to FV-2 level for protection layer, oxygen indicator over 28%

Weight: less than 6.8kgs

Standard: GA420-2008

Specification:

Color:Dark Blue/white/black

Net weight:1.60kg

Shell Material:PC mixed with ABS

Visor Material:PC

Size:L/M/S for head size

form620mm540mm-620mm

Packing size:85x39x84CM

Packing quantity:9PCS/CTN

Standard:GA294-2001



MILITARY POLICE GEARS



AM01



AM02



AM03



AM04



AM05



AM06



AM07



AM08



AM09



AM10



AM11



AM12



AM13



AM14



AM15



AM16

BP12



BP13



BP14





BP15



BP16



BP01



BP10



BP17



BP18



BP02



BP11



BP19



AM17



BP03



HYDRATION BACKPACK&VEST

- Closed cell insulation and neoprene tube cover keeps water cool or warm for hours.
- Shut-off System Included.
- Exterior fillport with ergonomic handle for filling.
- Quick-release shoulder straps unclip for easy removal Available in Army Universal Camo and Digital Desert Camo.



BP05



BP06



BP07



BP08



BP09



Built for high-speed tactical environments, the Tactical Vest combines revolutionary design, fully integrated hands-free hydration, rugged pouches and ergonomic comfort. All constructed with the most durable materials on the market. Also available in Coyote and Digital Desert.

- EN71,FDA-Approved
- Thickness: 0.2mm-0.6mm
- Capacity: 1L-3L

Hydration Bladder



DP11
EVA, 2L



DP12
EVA, 2L



DP13
EVA, 2L



DP14
TPU, 2L



DP15
TPU, 2L



DP16
PVEA, 3L



DP17
TPU, 2L



DP18
TPU, 2L



DP19
PVEA, 3L

HYDRATION BAG&SOLAR BAG

Temperatre control

Closed cell neoprene tube cover keeps liquid
Cool or warm for hours

Clean drinking

Bite valve cover keeps big bite valve
clean and proctred

Secure shut-off

Shuts off water flow for added security

DP08



DP10

Camp Shower



CP040

Capacity: 40L



DP04

DP05

DP06

DP07



DP20
TPU, 3L

DP21
TPU, 3L



CP020

Capacity: 10L/20L

