



**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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SNOW SHOVEL



Powder Coating Finishing



501

Blade:28x21cm
Open:71x21cm

- Aluminum Blade & shaft
- T-handle nylon
- Sharp blade

ORANGE SILVER BLACK RED



SNOW SHOVEL

Powder Coating Finishing



504CP

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



ORANGE SILVER

OFFER OPTIONAL 504 Shovel Cover



504LO

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



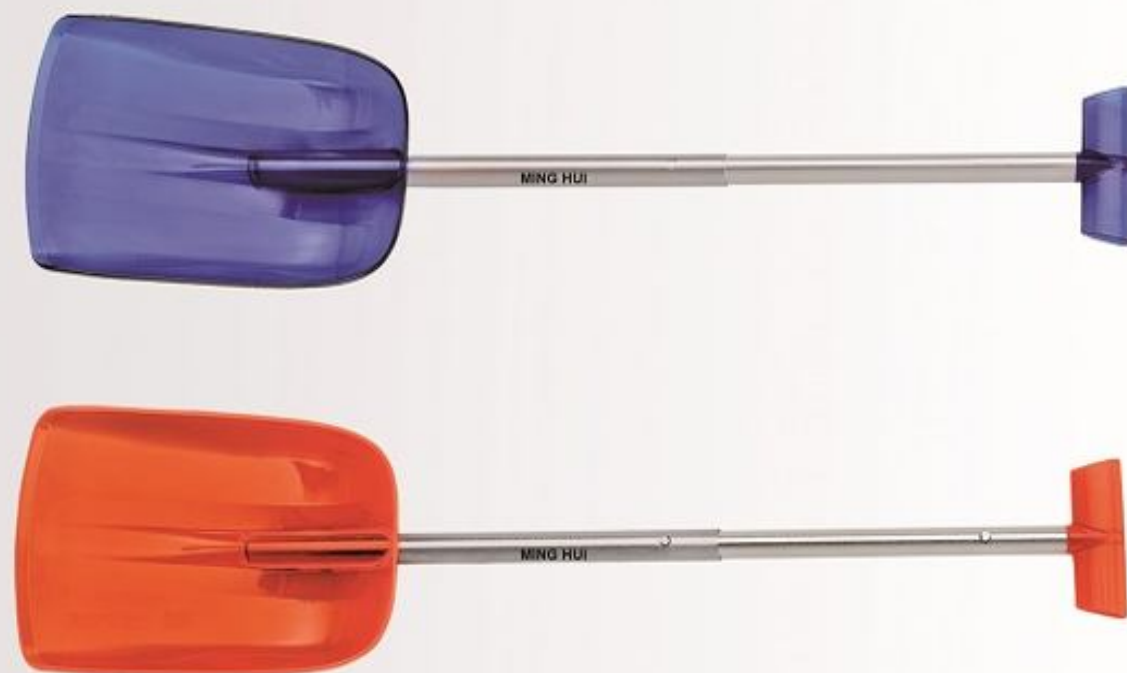
Anodizing Finishing

- Aluminum Blade & shaft
- Easy-plug scoop function
- Emergency sledge function
- T-handle nylon
- Telescopic shaft
- Sharp blade

GOLD RED SILVER BLUE GREY GREEN



SNOW SHOVEL



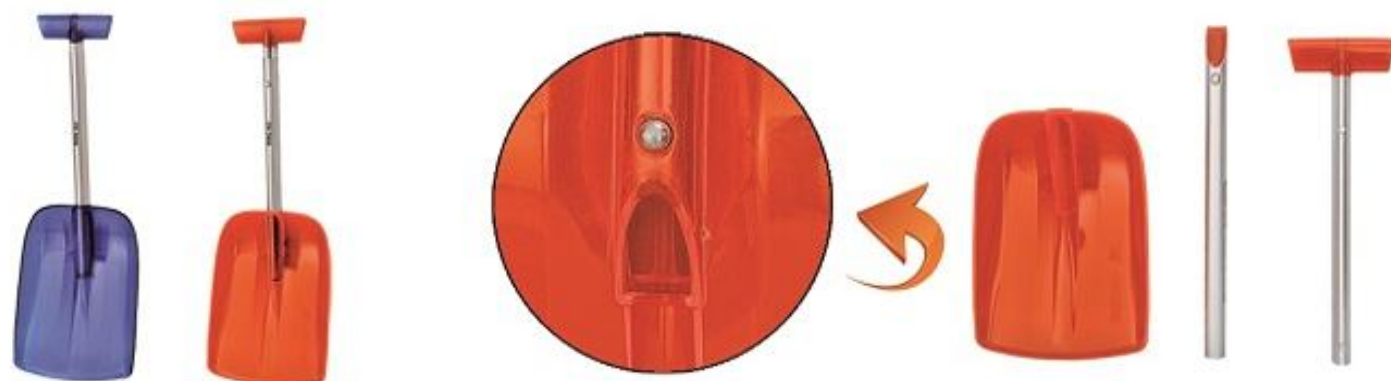
508PC

Blade: 29x20.5cm
Open: 84x20.5cm
Close: 60x20.5cm

- **PC High strength blade, load bearing over 80kg.**
(Extreme low temperature: $\leq -30^{\circ}\text{C}$)
- Easy-plug scoop function
- Emergency sledge
- T-handle PC
- Trinodal, Collapsible,
- Aluminum triquetrous, telescopic shaft, anodizing finishing.



BACK VIEW BIG POINT, EASY TO PUSH



505D

Blade: 28x21.5cm
Open: 93x21.5cm
Close: 72.5x21.5cm

Add length and saw based on 505LO



SNOW SHOVEL



507L0

Blade:28x21.5cm
Open:94x21.5cm
Close:72x21.5cm

All Aluminum snow shovel



Welded handle

ZL 2015 3 0161049.0
MING HUI 专利号:

516

Blade:27.5x22.5cm
Open:65x22.5cm
Close:43.5x22.5cm

- Two section, Collapsible
- Aluminum blade& shaft
- PC T-handle
- Anodizing finishing

**Small & Portable
Can put into backpack**



512

Blade:28x21cm
Open:92x21cm
Close:71x21cm



513

Blade:29x26cm
Open:90.5x26cm



514

Blade:28x21cm
Open:89x21cm



515

Blade:28x25.8cm
Open:84x26cm
Close:70x26cm
Saw length: 35cm

Shovel include saw



DUSTPAN



SNOW SHOVEL

Ergonomically Designed

503LN



Blade:28x26cm
Open:66x26cm
Close:32x26cm



All Steel

503

Blade:28x26cm
Open:64x25.5cm
Close:31x25.5cm



503L

Blade:28x26cm
Open:66x26cm
Close:31.5x26cm

High quality nylon plastic handle,
very lightweight, comfortable

Four steel rivet connect the
blade and handle tightness

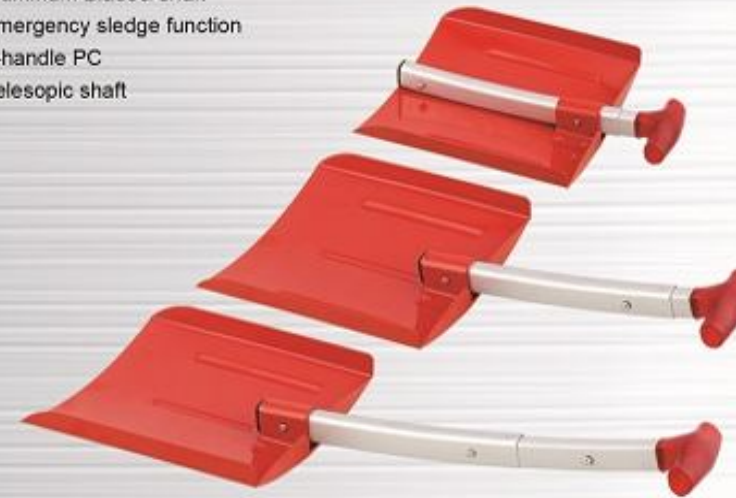
Aluminum alloy blade with three
strength thread, make shovel
lightweight and strong



5036

Blade:28x26cm
Open:71x26cm
Close:37x26cm

- Aluminum Blade & shaft
- Emergency sledge function
- T-handle PC
- Telescopic shaft



5037

Blade:28x26cm
Open:66x26cm
Close:32x26cm

- Aluminum Blade & shaft
- Emergency sledge function
- T-handle nylon
- Telescopic shaft

Three mode to fixation



SNOW SHOVEL



502

High quality nylon handle, aluminum blade. very lightweight, comfortable

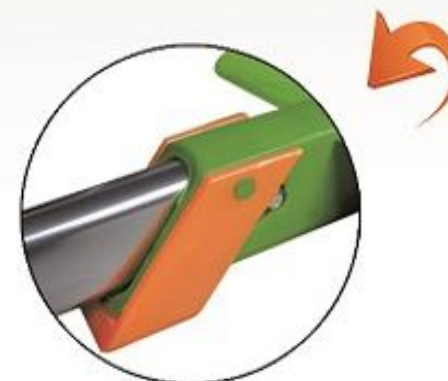
Blade: 27.5x20.5cm
Length: 71cm



509

Aluminum shaft, Nylon blade, PC handle.

Blade: 30.5x23.5cm
Open: 88cm
Close: 88cm



SNOW SHOVEL

511P

Blade:30x24.5cm
Open:93x24.5cm



529

Blade:32.7x23.7cm
Open:100cm
Close:74cm



Plastic Blade

526

Blade:42x30.5cm
Open:125x30.5cm



527

Blade:46x32cm
Open:133x32cm



528

Blade:44x33.5cm
Open:132x33.5cm



520

Blade:Aluminum



521

Blade:Aluminum



524

Blade:Aluminum



601

Blade:30x35cm
Open:137x35cm



602

Blade:50x35cm
Open:137x35cm



603

Blade:66x35cm
Open:137x35cm



FOLDING SHOVEL-SMALL SIZE



Bottle opener

HOT 热销

101G

Blade:12x9.5cm
Open:41x9.5cm
Close:16x9.5cm

Compass

POUCH

101GS

Blade:12x9.5cm
Open:41x9.5cm
Close:16x9.5cm



101C

Blade:12x9.5cm
Open:41x9.5cm
Close:16x9.5cm

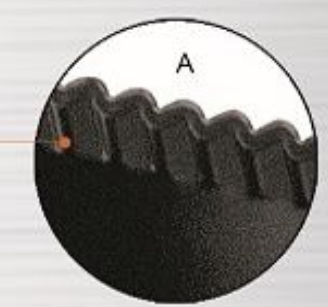


105G

Blade:13x9.3cm
Open:40x9.5cm
Close:15.5x9.5cm



- Ideal for backpacking and survival.
- Bag with belt loop.
- Saw edge on one side.
- Removable, 2 section handle.
- Hollow shaft to store small utensil.



Saw edge can be used as saw



Pickaxe, can dig hard land

High strength carbon steel sharp blade,
can be used as shovel or pick
Whole blade can be heat treated ,Rigidity:42°-46°

Rubber grip felt more comfortable

Steel tube handle can disassemble
in 2 section and facility to packed

Rubber grip felt more comfortable



Improved joint with patent

专利凸凹连接柱，紧密不易松动



POUCH

Stainless Steel Blade&Pick

105S



106

Blade:15.5x11cm
Open:41x11cm
Close:15.5x11cm



102G

Blade:13x9.5cm
Open:40x9.5cm
Close:16.5x9.5cm



106GT

Blade:15.5x11cm
Open:41x11cm
Close:15.5x11cm



106G

Blade:15.5x11cm
Open:41x11cm
Close:15.5x11cm



101S

Blade:12x5.5cm
Open:22.5x5.5cm
Close:14.5x9.5cm

- Mini trowel
- All stainless steel
- With bag



G-01

Blade:13x11.2cm
Open:30.5x11.2cm



Accessories inside



FOLDING SHOVEL-MIDDLE SIZE



201

Blade:15.5x11.2cm
Open:46.5x11.5cm
Close:19x11.5cm

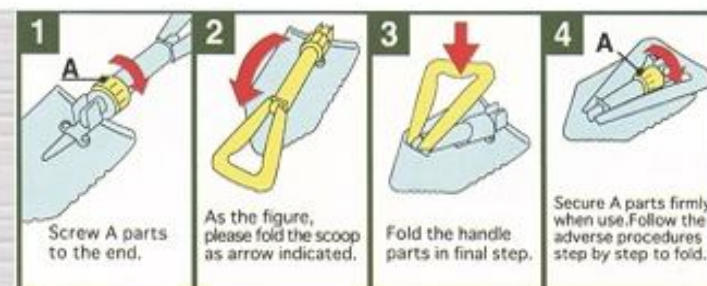


201G

ZL 2014 2 0011895.4
MINCHUI 专利号:



Blade:15.5x11.2cm
Open:46.5x11.5cm
Close:19x11.5cm



202

Blade:17x12.2cm
Open:47x12.2cm
Close:20x12.2cm



- High strength Carbon steel sharp blade,
- Can be used as shovel or pick
- Whole Blade can be heat treated,Rigidity:42°-46°

202G

Blade:17x12.2cm
Open:47.5x12.2cm
Close:20x12.2cm



204

Blade:15.5x11.2cm
Open:46.5x11.5cm
Close:19x11.2cm



G19-2

Blade:14.2x10.7cm
Length:44.6x10.7cm



G19



203G

Blade:15.5x11.3cm
Open:46.5x11.3cm
Close:19x11.3cm

Design patent
专利外观设计



G-08

Blade:15.5x11.3cm
Open:43x11.3cm



2 pieces dismountable handle



G-05

Blade:15.5x11.3cm



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

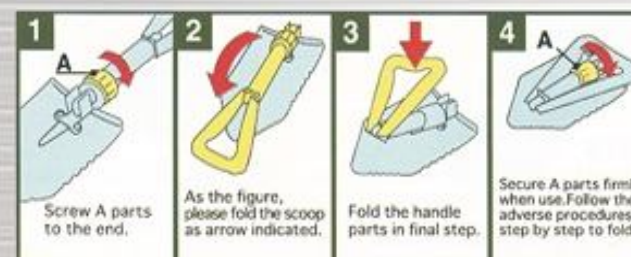


304G

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



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



WOODEN HANDLE SHOVEL

410

Blade:19x14.5cm
Length:55cm



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

410S

Blade:19x14.5cm
Length:55cm



Stainless Steel Blade
Sharp dege

410S-2

Blade:19x14.5cm
Length:55cm



SCREW ON THE FRONT

SCREW ON THE SIDE

STEEL SHOVEL

All Steel shovel

413

Blade:22x16.5cm
Length:78cm



S-01

Blade:22x16.5cm
Length:67cm



G-10

Blade:19.5x15cm
Length:57x15cm



G-10S



G-12

Blade:21x15.4cm
Length:67x15.4cm



S-01A

Blade:22.5x16.5cm
Length:80.5cm



S-01B



S-01A/B

ALL STAINLESS STEEL

汽车备胎铲



WOODEN HANDLE SHOVEL

401

Blade:24x18cm
Length:78cm



402

Blade:20x14.8cm
Length:67cm



420

Blade:19x14.5cm
Length:66cm



425

Blade:18.5x14.5cm
Open:62x14.5cm



Carbon Steel Blade

403

Blade:15.5x11.2cm
Open:50x11.5cm
Fold: 37cm



404

Blade:21x14.5cm
Open:62cm
Fold: 45cm



403G

Blade:15.5x11.5cm
Open:50x11.5cm
Fold: 37cm



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

421

Blade:21x14.5cm
Open:70.5cm



422

Blade:20.5x15.3cm
Open:70x15cm



423

Blade:21x14.5cm
Open:70x14.5cm



424

Blade:20.5x15.2cm
Open:70x15.2cm



426

Blade:19x14.5cm
Open:69x14.5cm



Stainless Steel Blade

405

Blade:21x14.5cm
Open:62x6.5cm
Fold: 44cm



404H

Blade:21x15cm
Open:60cm
Fold: 42cm



406T



404T



WOODEN HANDLE SHOVEL

433GT



405GT

Blade: 21x14.5cm
Open: 62cm
Fold: 46cm



406GT

Blade: 21x14.5cm
Open: 62cm
Fold: 46cm



404GT

Blade: 21x15cm
Open: 62cm
Fold: 47cm



406G

Blade: 21x14.5cm
Open: 61.5cm
Fold: 45cm



405G

Blade: 21x14.5cm
Open: 62cm
Fold: 45cm



STEEL SHOVEL

430

Blade: 22x20cm
Length: 37cm



Metal Dustpan



404F

Blade: 21x15cm
Open: 62cm
Fold: 45cm



414

Multifunctional

Blade: 20x15cm
Open: 56cm
Fold: 37cm



415

Blade: 20x15cm
Open: 56cm
Fold: 37cm



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

AXE

FT01



FT02



FT03



MULTIFUNCTION UTILITY SHOVEL



MULTIFUNCTION UTILITY SHOVEL

109

Multifunction tools set

Blade:13x9.5cm



108

Multifunction tools set



Updated Version



108N

Multifunction

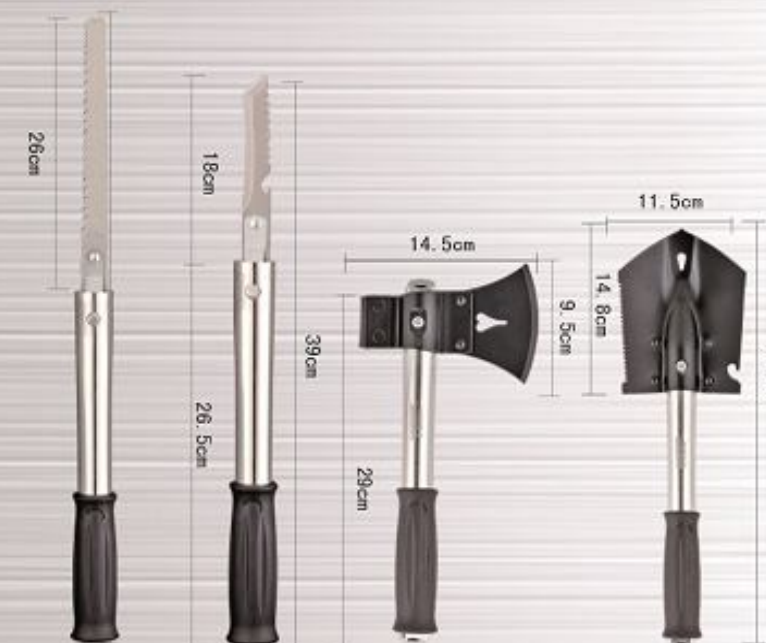
Portable

Easy to assemble

1050# Carbon Steel & 65Mn

Heat Treated, HRC: 42-46°

NAIL PULLER



MP110

FIREMAN TOOLS SET



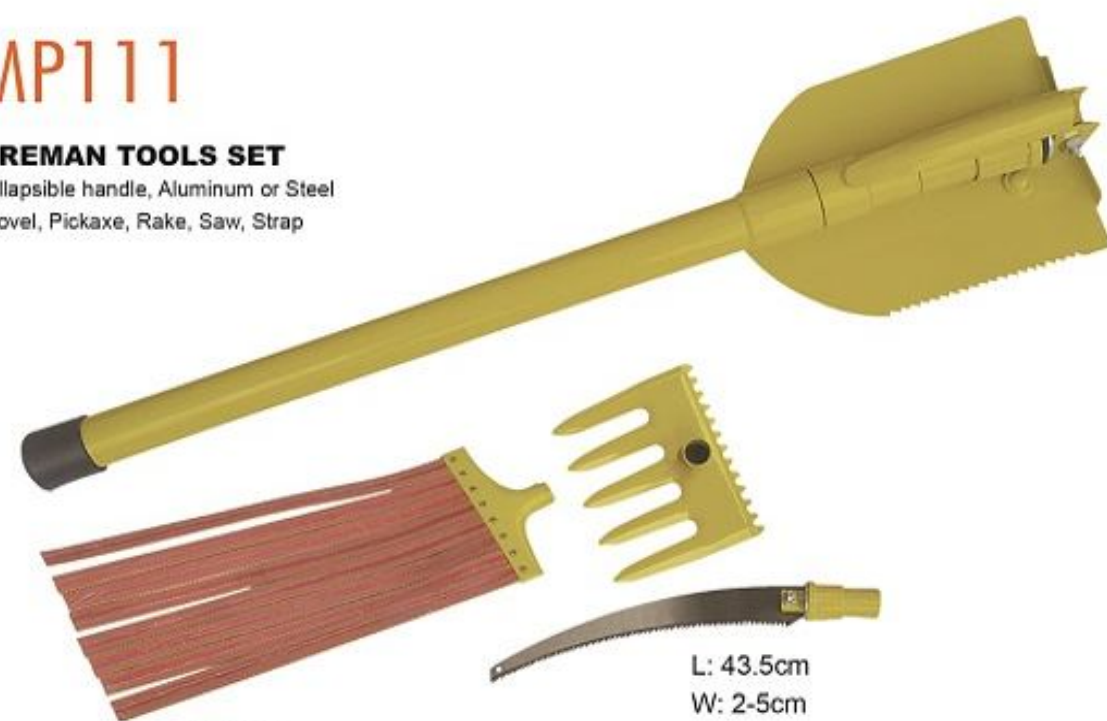
L: 50cm
W: 19cm

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





HAMMOCK STAND

吊床架

HS01

Foldable Hammock Stand

HS02

材质: Q195钢管, 管径28mm, 厚度1.0mm

重量: 约8600g

适用: 户外、阳台、公园、野营、踏青、秋游、车旅等

尺寸: 长度可调节约 (235-295cm)

占地宽度可调节约 (68-91cm)

