



顶石气袋

Air Pushing Bag



厦门山盛矿山设备有限公司

XIAMEN SANSUNG MINING EQUIPMENT CO., LTD

公司简介

COMPANY PROFILE

厦门山盛坐落于美丽的海滨城市-厦门，专业从事矿山开采用顶石气袋和顶石水袋（铁水袋）的生产与研发。目前，山盛牌气袋已在国内广西，云南，四川，湖北等地广泛使用，并且出口遍布北美，欧洲，南非和南美等地区。

厦门山盛具备精湛的科研技术和丰富的生产经验。采用一流的原材料，通过先进的加工工艺，为广大客户提供性能优良的可靠产品。山盛牌气袋，您石材矿山开采的不二选择！

我司以客户需求为导向，想客户所想，并高度重视售后服务，拥有完善的售后服务团队，为客户提供周到及时贴心的服务。

公司坚持以“勇于创新，精益求精”为研发制造理念，不断探索新技术，攻克行业技术难题，集中优势资源为客户打造性能卓越，质优价廉的“山盛”牌顶石设备。

Sansung, with more than 10 years experience, is one the most professional manufacturer and supplier of high performance mining&quarrying tools like: tapered drill bits&rod, threaded button bits and extension rod, DTH hammers and bits, RC hammers and bits, button bit grinding tools, block pushing air bag, as well as diamond wire saw machines. Our tools are widely used in different applications include mining, quarrying, water well drilling, geotechnical industries and stone processing etc. By now, our products have been exported to over 50 countries with good reputations, like in USA, Australia, Brazil, Northern Europe, Canada, India, Egypt and Southern Africa countries, etc.

Sansung is specialized in designing, manufacturing and developing equipments and accessories for standard models as well as the special needs of clients and provides them with the best suggestions and solutions. We practice strict and stringent quality control during manufacturing and adhered to recognized and approved quality control systems. Each of our products follows the quality requirements and procedures to ensure finished products are durable and superior up to standard. At present, we have our own advanced production equipments, which make sure the quality and the delivery time are both under control.

We are dedicated to offering our customers only premium quality products and services to enable them to achieve the highest possible productivity for their business and projects. If you are looking for the best, fastest and most productive mining&quarrying tools in the world, Sansung should be your best choice and preference. We are sincerely expecting to cooperate with you and win-win, warmly welcome to vist our company; let's create bright future together.

顶石气袋 / Air Pushing Bag

顶石气袋已经成为石材开采的最佳帮手。在金刚石绳锯切割后，它可以将荒料推倒。厦门山盛生产的顶石气袋厚度只有5-7mm，很容易置入金刚石绳锯切割后的缝隙中。用矿山空压机充气，气袋膨胀，根据不同规格的气袋，可产生50-260多吨的推力，可轻易将巨大的荒料推倒。

厦门山盛生产的顶石气袋经久耐用，且可修补，可以重复多次使用，是使用成本最低且高效的顶石工具。

Air pushing bag is used to push over stone blocks after diamond wire saw cutting. The thickness of our air bag is only 5-7mm, which can be put into the cutting crevice easily. After inflating the air pushing bag by air compressor, it could generate 50-260 tons pushing power according to the different size air bags. Such huge pushing power can push over the big block easily.

Sansung air pushing bag is made of high quality raw material. It's durable and repairable. It's the most efficient pushing tool with low cost.

型号 Model	尺寸 Size	理论推力 Pushing Power	顶推距离 Pushing Distance		净重 Net Weight	
					Grade A	Grade S
PAB1010	1.0×1.0m	50T	600mm	23 3/5"	3.6 Kg	4.0 Kg
PAB1015	1.0×1.5m	75T	640mm	25 1/5"	5.3 Kg	5.8 Kg
PAB1020	1.0×2.0m	100T	670mm	26 2/5"	6.8 Kg	7.6 Kg
PAB1515	1.5×1.5m	115T	840mm	33"	7.5 Kg	8.8 Kg
PAB1520	1.5×2.0m	150T	950mm	37 2/5"	10 Kg	11.2 Kg
PAB2020	2.0×2.0m	200T	1150mm	45 1/4"	13 Kg	14.2 Kg

Note: customized sizes are available.



顶石气袋/Air Pushing Bag

山盛牌顶石气袋分为等级A和等级S
Two grade of Sansung
Air Pushing Bags

等级A Grade A
Color: Yellow
Quality: high quality

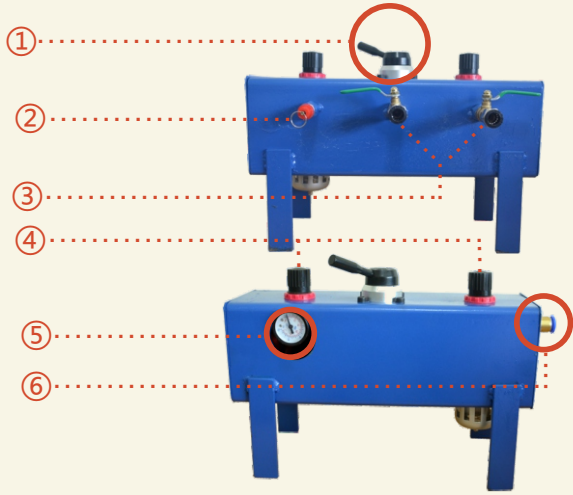


等级S Grade S
Color: Orange
Quality: superior quality



配件/ Accessories

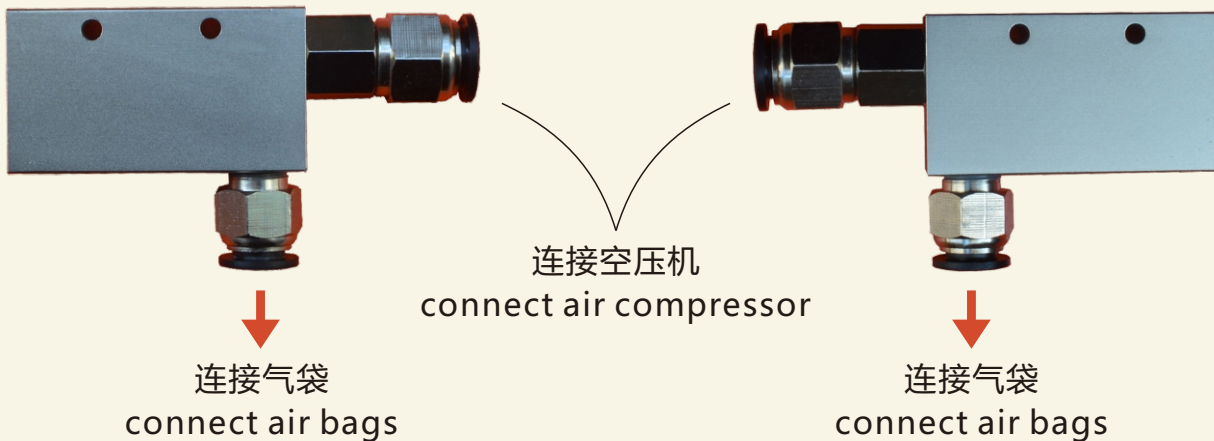
1. 控制台：可同时操作2个或4个气袋，有效控制气压来保障人员和气袋安全。
Control console: can inflate 1-4 air pushing bags at the same time.
Through the pressure regulator, it can ensure the safety of operators
and the air pushing bags.



- ① 进出气控制阀 air control valve
- ② 气压安全阀 pressure relief valve
- ③ 气袋供气阀 air supply valve
- ④ 调压阀 air pressure regulator
- ⑤ 压力表 pressure gage
- ⑥ 进气孔 air inlet

2. 快速放气阀：顶石工作完成后放气时连接，可以加快气袋放气速度。

Quick deflation valve:



2. 修补盒，快速接头，高压胶管

Repair kit, Pneumatic quick joint, High pressure air hose



使用步骤/ How to use

1. 清除绳锯机切割后缝隙中残留的小石块或碎渣。

Clear the small stone pieces in the crevice after wire saw cutting.

2. 根据荒料大小来选择合适尺寸和数量的山盛牌气袋

Choose suitable sizes and quantity of air bags according to block size

3. 选择最佳的省力点放置气袋，用绳子穿过拉环将气袋固定。

Put the air bags into the crevice at best position, fix it with ropes which need to pass through the handle rings of the air bag.

4. 将气袋，控制台和空压机连接好。

Connect air compressor, control console and air pushing bags.

5. 启动空压机，待气流稳定后，打开阀门给气袋充气。

Start the air compressor, inflate the air bag when air pressure is stable.

6. 当荒料被推开5-10厘米，开始向缝隙里填充石块。

Fill in the wedges or stones when block been pushed away 5-10cm.

7. 再次选择气袋的推力点和位置，叠加同尺寸气袋将荒料推倒。

Overlap the same size air bags to push over the block.

8. 关闭进气阀门，连接气袋和快速放气阀，放完气后取出气袋下次再用。

Stop inflating, take out air bag after deflating it by quick deflation valve.

注意事项/ Precautions

1. 气袋出现损坏的情况下（气袋本身材质出现破损或气管漏气）切勿再次使用。
For safety, please check air pushing bag before using. If it' s damaged, fix it with repair kit or change a new one.
2. 在不使用控制台的情况下，用空压机直接充气，气袋撑开25-30公分后应立即停止充气，以免气压不稳造成气袋损坏。
To avoid air bags been damaged by unstable inlet air pressure, it' s better to use the control console.
Without control console, you must stop inflating when gap is 25-30cm.
3. 气袋需全部放入缝隙中，顶开5-10公分后，不间断地填充石块顶住荒料的反推力，从而减轻气袋承受的压力。
The air bag need to be placed into the crevice completely. And put wedges or stones in when getting a opening 5-10cm gap, to protect the air bag by reducing the reverse thrust from block itself.
4. 多个气袋并排或叠加使用的时候，必须配套控制台来操作，同时进气，保障气袋进气压力平衡，避免受力不均或相互挤压造成损坏。
When operating two or more air bags, you have to use control console to balance the air pressure. Otherwise, the air bags will be damaged.
5. **特别提醒：气袋在充气工作时，操作人员请要保持3米的安全距离。**
Attention: the operator must stand 3m away when air bag is working.



铁水袋/Hydro-bag

尺寸 Sizes	推力 Pushing Power	净重 Net Weight
50*50cm	75T	2.5KG
50*100cm	150T	5.0KG
100*100cm	300T	10KG
100*200cm	300T	20KG



High pressure water pump

动力 Power	参数 Specifications	净重 Net Weight
电动 Electric	1.3kw, 1-6MPa working pressure	26KG

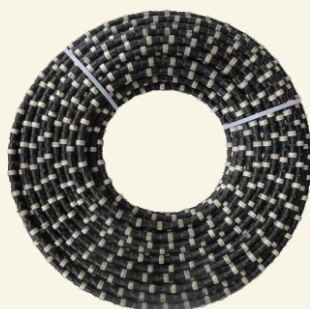
其它工具/Other tools



锥度一字钻头
Tapered chisel bit
Dia. 28-42mm



锥度球齿钻头
Tapered button bit
Dia. 30-42mm



金刚石绳子
Diamond wire



90mm 潜孔钻头
CIR90-90mm DTH button bit



CIR90 潜孔冲击器
CIR90 DTH hammer



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