TONGDA HIGHWAY

TONGDA HIGHWAY
PRODUCT CATALOGUE

Website

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Xinxiang Tongda Highway New Technology Co., Ltd.

TONGDA HIGHWAY

Take your vision and make it a reality.
-Tongda Highway



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Company Profile

Tongda Highway New technology Co., Ltd. was founded in 2001 and is located in Xinxiang, Henan Province. Tongda Highway provides one-stop service in road maintenance solutions and related supplies, such as, road maintenance materials, machinery, and construction service.

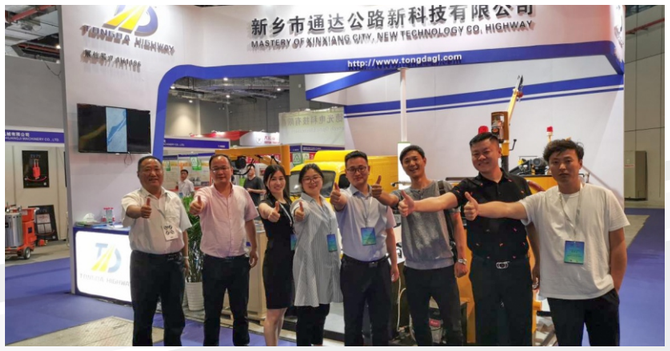
Tongda Highway has a sound management mechanism, cutting-edged technology, and a high-end R&D team. According to the different geographical environmental factors of Chinese roads, Tongda has developed and produced a variety of road maintenance materials and machinery to meet the operational needs of customers under various working conditions. Tongda Highway has passed a number of system and standardization certifications, owns dozens of patents, software and other intellectual property rights, and has won many honors such as high-tech enterprises, technology-based small and medium-sized enterprises, and engineering technology centers.

The road maintenance materials, machinery and construction services provided by Tongda Company have spread to many enterprises and institutions, such as expressways, national and provincial roads, municipal roads, county and township roads in various provinces and cities across the world, which have created a good market reputation and brand image.





Adhering to the spirit of craftsmanship, and forging ahead on the road of industry, Tongda Highway will gradually expand in the field of road maintenance industry. Through the splendid and glorious road, reach the prosperous world. Together with many colleagues, contribute our efforts and create a glorious future in the road maintenance industry!





Our Certifications


实用新型专利证书

证书号第8850235号

实用新型名称：一种便于调优的公路养护专用导油炉

发 明 人：郭兆涛;张天国;郭之录

专 利 号：ZL 2018 2 1424825.6

专利申请日：2018年08月31日

专 利 权 人：新乡市通达公路新科技有限公司

地 址：453300 河南省新乡市封丘县陈固镇西仲营村

授权公告日：2019年05月17日 授权公告号：CN 208871857 U

局长 申长雨

2019年05月17日

第1页(共2页)


实用新型专利证书

证书号第8864853号

实用新型名称：一种公路养护用搅拌装置

发 明 人：郭兆涛;张天国;郭之录

专 利 号：ZL 2018 2 1425542.3

专利申请日：2018年08月31日

专 利 权 人：新乡市通达公路新科技有限公司

地 址：453300 河南省新乡市封丘县陈固镇西仲营村

授权公告日：2019年05月21日 授权公告号：CN 208878447 U

局长 申长雨

2019年05月21日

第1页(共2页)


实用新型专利证书

证书号第8871937号

实用新型名称：一种改进型的高分子聚合密封胶成型装置

发 明 人：郭兆涛;郭之录;张天国

专 利 号：ZL 2018 2 1426279.X

专利申请日：2018年09月02日

专 利 权 人：新乡市通达公路新科技有限公司

地 址：453300 河南省新乡市封丘县陈固镇西仲营村

授权公告日：2019年05月21日 授权公告号：CN 208880948 U

局长 申长雨

2019年05月21日

第1页(共2页)


信用等级证书
CREDIT RATING CERTIFICATE

新乡市通达公路新科技有限公司

针对该企业资金信用、经济效益、经营管理能力、企业创新能力，经调研、审核，被评为

AAA级信用企业

信用代码（Credit Number）：HNYX2018T0354

发证日期：2018年05月17日

截止日期：2021年05月16日

主任信用分析师：

机构印章：

统一公示平台：
中国招标投标网
http://www.cec.gov.cn

发证机构地址：郑州市金水区经三路93号 联系方式：0371-65828592


安全生产标准化
Work Safety Standadtdization

证书
CERTIFICATE

证书编号：AQBIIIQG（新）20190018

新乡市通达公路新科技有限公司

安全生产标准化三级企业

（轻工）

有效期至：2022年5月

二〇一九年五月十五日

国家安全生产监督管理总局监制
State Administration of Work Safety


重合同守信用证书

统一编号：CTCA2018ZG0418

新乡市通达公路新科技有限公司

恪守合业合同各项情况及企业状况，经评估，审核评定为：

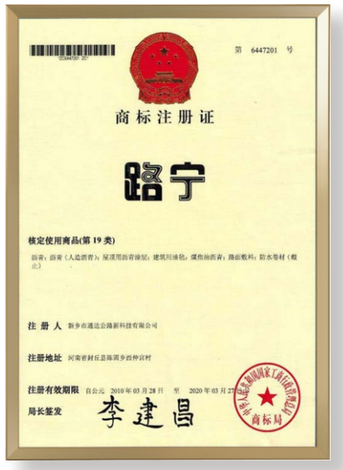
AAA级重合同守信用企业

签发日期：2018年09月27日

有效期至：2019年09月26日

评估及发证机构（签章） 评估负责人（签字）

发证机构地址：郑州市金水区经三路93号
联系方式：0371-65828592 www.hnyxp.com


商标注册证

第 6447201 号

路宁

核定使用商品(第 19 类)

沥青；沥青（人造沥青）；屋顶用沥青涂层；建筑用油毡；煤焦油沥青；路面敷料；防水卷材（模止）

注 册 人 新乡市通达公路新科技有限公司

注册地址 河南省封丘县陈固乡西仲营村

注册有效期限 自公元 2019年03月28日 至 2020年03月27

局长签发 李建昌

商标局


质量管理体系认证证书

证书编号：30518Q30133R0S

兹证明

新乡市通达公路新科技有限公司

统一社会信用代码：91410727775132986?

注册地址：封丘县陈固乡西仲营西200米

经营地址：封丘县陈固乡西仲营西200米

质量管理体系符合标准

GB/T19001-2016/ISO9001:2015

认证覆盖范围

公路养护材料（灌缝胶、粘缝胶、抗裂贴）的生产（危险化学品除外）

发证日期：2018年05月07日 证书有效期：2021年05月06日


证 书

CNQC

中国优秀绿色环保节能产品
Chinese Outstanding Green, Environmental, Energy Conservation Products

新乡市通达公路新科技有限公司

该公司从事防公路养护材料、养护机械、防水材料生产、销售；公路安全设施、沥青（不储存）销售；经营进出口业务。在中国优秀绿色环保节能产品推广宣传活动中，符合入编条件，经审核渠道为：中国优秀绿色环保节能产品。

证书编号：CNQC-MQ2242MHS
有效日期：2019.03~2021.03
查询网址：www.china-cnqc.org

中国交通发展促进会 中国环境产品市场协会中心


荣誉证书

CNQC

诚信经营示范企业
Demonstration unit of good faith management

新乡市通达公路新科技有限公司

该公司经营的公路养护材料、养护机械、防水材料生产、销售；公路安全设施、沥青（不储存）销售；经营进出口业务，符合入编条件，经审核渠道为：诚信经营示范企业。

证书编号：CNQC-MQ243RHMT
有效日期：2019.03~2021.03
查询网址：www.china-cnqc.org

中国交通发展促进会 中国环境产品市场协会中心


荣誉证书

CNQC

全国环保质量放心、国家标准合格产品

新乡市通达公路新科技有限公司

该公司生产经营的公路养护材料、养护机械、防水材料生产、销售；公路安全设施、沥青（不储存）销售；经营进出口业务在全国环保质量放心、国家标准合格产品活动中，符合入编条件，经审核渠道为：全国环保质量放心、国家标准合格产品。

证书编号：CNQC-CM1803HHC
有效日期：2019.03~2021.03
查询网址：www.china-cnqc.org

Crack Filler

First factory reached standards JT/T740-2015







Product introduction

Luning series road crack sealant is a kind of sealing material used for crack repair of asphalt pavement and cement pavement caulking, also known as crack filling sealant. Crack sealant is a melting road sealing material, which is processed by special technology such as matrix asphalt, high molecular polymer, rubber powder, additives, and other materials.

Using crack sealant to fill cracks is the most economical and effective pavement maintenance method to prolong the service life of the pavement. Customers can choose suitable road sealant as the material for repairing road cracks according to different regions, different climatic conditions, and road crack characteristicspr.

Technical Parameter

Model	Performance Indicators	Cone Penetration 0.1mm	Softening Point ℃	Slump Value mm	Elastic Recovery Rate %	Low Temperature Stretching	Stretching Quantity mm
LN-0	High Temperature Type 0℃	⩽70	⩾90	⩽3	30～70	0℃ 25% 3 times, pass	3.75
LN-10	Ordinary Type -10℃	50～90	⩾80	⩽5	30～70	-10℃ 50% 3 times, pass	7.5
LN-20	Low Temperature Type -20℃	70～110	⩾80	⩽5	30～70	-20℃ 100% 3 times, pass	15
LN-30	Cold Type -30℃	90～150	⩾80	⩽5	30～70	-30℃ 150% 3 times, pass	22.5
LN-40	Freezing Type -40℃	90～150	⩾70	—	30～70	-40℃ 200% 3 times, pass	30
LN-15	-15℃	70～110	⩾80	⩽5	30～70	-15℃ 100% 3 times, pass	15
LN-25	-25℃	90～150	⩾80	⩽5	30～70	-25℃ 150% 3 times, pass	22.5
LN-35	-35℃	90～150	⩾70	—	30～70	-35℃ 200% 3 times, pass	30

Application

Pavement crack sealant can be widely used in asphalt pavement, cement pavement, concrete pavement and pavement matrix gap treatment, airport runway joint treatment and all kinds of roads, but also can be used in the bridge deck waterproof and stress digestion layer.





Crack Sealing Tape





Product introduction

Luning series Crack Sealing Tape is used for the repair of asphalt pavement cracks or cement pavement joints. Tape, seam tape, etc. Reasonable use of road sealant can effectively prevent road damage caused by moisture penetration and can be used in most climatic conditions. Using the construction method of Crack Sealing Tape to reduce the construction cost, improve the work efficiency, and has obvious advantages in the rapid maintenance and disposal of pavement cracks.

Technical Parameter

Model	Coning Degree 0.1mm	Softening Point ℃	Warping Rate %	Thickness After Rolling mm	Bonding Strength Mpa	- 10℃ Low Tempera Flexibility	- 20℃ Low Temperature Flexibility	Low Temperature Stretch Measure	Polyester Base
LNT	⩾30	⩾75	⩽50	⩽2.7	⩾0.2	Φ30mm No Crack	Φ30mm No Crack	⩾5mm	Yes/No

Anti-Crack Tape



Product introduction

Luning series Anti-Crack Tape is made of engineering fiber woven fabric as surface reinforcement layer, engineering fiber felt as tire base, polymer modified asphalt as upper and lower dipping coating, polyester film as bottom surface isolation film, and composite A self-adhesive, waterproof and crack-resistant roll material. The road anti-crack sticker is a high-quality product that prevents the surface layer from seepage and the base layer crack (joint) reflection, protects the stability of the surface layer and the base layer, and delays the appearance of road reflection cracks. Anti-Crack Tape is not only suitable for asphalt road base, but also for cement pavement base(concrete-asphalt, asphalt-asphalt), road base crack repair, bridge deck waterproofing, airport runway pavement and other high quality projects.

Technical Parameter

Model	Stretching Performance		Heat Aging			
LNK	Max Pulling Force N/50mm	Max Tension Elongation%	Max pulling Force Retention%	Max Tension Elongation Retention Rate%	Quality Loss Rate%	Size Change Rate%
	⩾1400	1.0-10.0	⩾70.0	⩾75.0	±2.0	±2.0
	Flexibility					Impermeable
	-10℃		When -20℃		When -30℃	30min，0.3MPa
	No Crack		No Crack		No Crack	Waterproof

Facade Crack Sealing Tape



Product introduction

Luning series Facade Crack Sealing Tape can be used in the joint treatment of new and old pavements when grooving, milling and then filling and paving asphalt concrete. The tape can be placed on the vertical surface of the washing and planing before paving the asphalt concrete. After the asphalt concrete is laid, the heated asphalt concrete is heated and extruded, and part of it is melted into the small pores on both sides, and part of it stands on the joint to effectively play the role of sealing and waterproofing. Facade Crack Sealing Tape is also suitable for pre-sealing of joints on cement concrete pavements, bridge expansion joints, airport pavements, etc.

Technical Parameter

Model	Coning Degree 0.1mm	Softening Point ℃	Warping Rate %	Thickness After Rolling mm	Bonding Strength Mpa	- 10℃ Low Temperature Flexibility	- 20℃ Low Temperature Flexibility	Low Temperature Stretch Measure
LNL	⩾30	⩾75	⩽50	⩽2.7	⩾0.2	Φ30mm No Crack	Φ30mm No Crack	⩾5mm

Net Crack Joint Tape/ Mesh Crack Joint Tape



Product introduction

Luning series Mesh Crack Joint Tape is mainly used in road pavement due to insufficient sub-grade hardness, abnormal asphalt-gravel ratio of surface material, insufficient compactness of surface material, high-quality vehicle heavy load, etc. Irregular cracks with a certain density locally or in a small area. The mesh crack adhesive is directly peeled off the film and pasted on the cracked part by manual or mechanical means. After rolling, the purpose of quickly repairing the local cracking disease of the road surface can be achieved.

Technical Parameter

Model	Coning Degree 0.1mm	Softening Point ℃	Warping Rate %	Thickness After Rolling mm	Bonding Strength Mpa	- 10℃ Low Temperature Flexibility	- 20℃ Low Temperature Flexibility	Low Temperature Stretch Measure
LNW	⩾30	⩾75	⩽50	⩽2.7	⩾0.2	Φ30mm No Crack	Φ30mm No Crack	⩾5mm

Pit Hot/Cold Patch Asphalt Additives



Product introduction

Pit Hot Patch Asphalt Additives is a road maintenance material composed of road petroleum asphalt, SBS modifier and various polymers. The material is viscous at room temperature and can be mixed with heated gravel for construction. The material has stable quality and performance, strong construction work ability, and strong adhesion to the original pavement after mixing, which is not easy to peel off. Pothole hot repair agent is an ideal choice for partial repair of pavement and crack repair.

Technical Parameter

Model	KRB-L	Model	KRB-H
Coning Degree，25℃，100g，5s 0.1mm	60-80	Coning Degree，25℃，100g，5s 0.1mm	60-80
Softening Point，R & B ℃	⩾45	Extensibility，5℃，5cm/min cm	⩾30
60℃ Dynamic Viscosity Pa·s	⩾160	Softening Point，TR & B ℃	⩾55
10℃ Extensibility cm	⩽15	Dynamic Viscosity，135℃ Pa·s	⩽3
		Elastic Recovery，25℃ %	⩾65

Product introduction

Pit Cold Patch Asphalt Additives is a kind of road maintenance material composed of base asphalt, modifier, additives, release agent and other high molecular polymers. The material is semi-liquid at room temperature and low temperature. It can be directly mixed with cold gravel materials to avoid environmental pollution caused by heating. A variety of models can meet the needs of different low-temperature areas, and it is easy to achieve low-temperature construction. Open to traffic immediately after construction, it is ideal for patching pavements or filling potholes.



Technical Parameter

Model		KLB-1	KLB-2	KLB-3
Solidifying Point ℃		⩾-10	⩾-20	⩾-30
Solid Content Ratio %		⩽75	⩽70	⩽65
Penetration，25℃，100g，5s 0.1mm		⩾60	⩾70	⩾80
Softening Point，TR & B ℃		⩾46	⩾45	⩾43
Cold Mix Work ability	Cold Mix Temperature ℃	⩾-10	⩾-20	⩾-30
	Mixing Duration(min)	⩽3	⩽5	⩽8
	Surface Coverage%	⩾95	⩾95	⩾95

Self-Propelled Crack Sealing Vehicle

Tongda Self-Propelled Crack Filling Vehicle filled with Luning series sealant can effectively improve the effect of road crack repair.



Product introduction

Tongda Self-Propelled Crack Filling Vehicle can be motivated by itself. It is a complete set of equipment used for preventive maintenance of pavement, which can effectively solve the early problems of pavement with linear cracks such as transverse cracks and vertical cracks. After grooving and cleaning the pavement cracks, the sealant can be evenly poured into the cracks with this machine to complete the maintenance work.

Self-Propelled Crack Filling Vehicle is suitable for large and medium-sized construction occasions. It adopts low center of gravity chassis design and splash-proof feeding switch design, which is convenient for safe feeding. It adopts dual-axle four-wheel self-design and dual-separation structure design, which is convenient to move at any time during construction, and the motor and rear axle are automatically separated during traction to ensure the stability and reliability of the walking system. Adopt all-electric design, fully automatic temperature control system, indirect heating of heat transfer oil, 360-degree vertical shaft stirring, fast heating speed and short waiting time. According to different types of road cracks, you can choose to use a variety of filling heads to achieve the best repairing effect.

Technical Parameter

Model	Hopper volume	Weight	Power system	Plasticizing capacity	Plasticizing time	Flow rate	Burner brand
TDZX-500	500L	1100kg	Vehicular/traction/ self propelled	150L/h	30-45min	0~60L (CVT)	BECKETT
Burner calorific value	**Heating**	**Heat transfer oil**	**Mixing**	**Temperature control**	**Burner diesel tank capacity**	**Length of hose tube**	**Working speed**
65000Kcal/h	Heat transfer oil	150L	Motorized	Constant temperature control	80L	5m	0-10km/h

Traction Crack Sealing Vehicle

TDQ-500



TDQR-500



Product introduction

"Tongda" series Traction Crack Filling Vehicle can be connected to any vehicles with limited traction force ability. It is a complete set of equipment used for preventive maintenance of pavement, which can effectively solve the early problems of pavement with linear cracks such as transverse cracks and vertical cracks. After grooving and cleaning the pavement cracks, the sealant can be evenly poured into the groove with this machine to complete the maintenance work.

"Tongda" series Traction Crack Filling Vehicle is suitable for large and medium-sized construction occasions. It adopts low center of gravity chassis design and splash-proof feeding switch design, which is convenient for safe feeding. It adopts dual-axle four-wheel self-design and dual-separation structure design, which is convenient to move at any time during construction, and the motor and rear axle are automatically separated during traction to ensure the stability and reliability of the walking system. Adopt all-electric design, fully automatic temperature control system, indirect heating of heat transfer oil, 360-degree vertical shaft stirring, fast heating speed and short waiting time. According to different types of road cracks, you can choose to use a variety of filling heads to achieve the best repairing effect.





Technical Parameter

Product model		TDQR-500	TDQ-500
Dimensions		4455 x1820 x2270 mm	4455 x1820 x2270 mm
Hopper Volume		500L	500L
Weight		1350kg	1500kg
Power system		Traction type	Traction type
Plasticizing capacity		260kg/h	260kg/h
Burner brand		BECKETT	BECKETT
Burner calorific value		10×104Kcal/h	10×104Kcal/h
Heat transfer oil		140L	140L
Burner diesel tank capacity		80L	80L
Stirring motor power		1.5KW	1.5KW
Out of the hose heating power		1.1KW	1.1KW
Out of the hose motor power			
Length of hose tube		7m	7m
Generator	Max. power	7KW	7KW
	Fuel tank capacity	25L	25L
	Engine oil consumption	1.1L	1.1L
	Output voltage	380V/220V	380V/220V
Lifting machine	Power	850W	850W
	Max lifting weight	200~400KG	200~400KG
	The biggest arm length	1560mm	1560mm

Mounted Crack Sealing Machine

TDZ-500



TDZR-500



Product introduction

Tongda series Mounted Crack Sealing Machine can be mounted in any trucks with limited size. It is a complete set of equipment used for preventive maintenance of pavement, which can effectively solve the early problems of pavement with linear cracks such as transverse cracks and vertical cracks. After grooving and cleaning the pavement cracks, the sealant can be evenly poured into the groove with this machine to complete the maintenance work.

Tongda series Mounted Crack Sealing Machine is suitable for large and medium-sized construction occasions. It adopts low center of gravity chassis design and splash-proof feeding switch design, which is convenient for safe feeding. It adopts dual-axle four-wheel self-design and dual-separation structure design, which is convenient to move at any time during construction, and the motor and rear axle are automatically separated during traction to ensure the stability and reliability of the walking system. Adopt all-electric design, fully automatic temperature control system, indirect heating of heat transfer oil, 360-degree vertical shaft stirring, fast heating speed and short waiting time. According to different types of road cracks, you can choose to use a variety of filling heads to achieve the best repairing effect.





Technical Parameter

Product model		TDZ-500	TDZR-500
Dimensions		2500x1700x1900mm	2500x1700x1900mm
Hopper Volume		500L	500L
Weight		1100kg	1500kg
Power system		Vehicular type	Vehicular type
Plasticizing capacity		260kg/h	260kg/h
Burner brand		BECKETT	BECKETT
Burner calorific value		10×104Kcal/h	10×104Kcal/h
Heat transfer oil		140L	140L
Burner diesel tank capacity		80L	80L
Stirring motor power		1.5KW	1.5KW
Out of the hose heating power		1.1KW	1.1KW
Out of the hose motor power		1.1KW	0.75KW
Length of hose tube		7m	7m
Generator	Max. power	7KW	7KW
	Fuel tank capacity	25L	25L
	Engine oil consumption	1.1L	1.1L
	Output voltage	380V/220V	380V/220V
Lifting machine	Power	850W	850W
	Max lifting weight	200~400KG	200~400KG
	The biggest arm length	1560mm	1560mm

Crack Sealing Vehicle



Product introduction

Tongda series Crack Filling Vehicle is a complete set of equipment used for preventive maintenance of pavement, which can effectively solve the early problems of pavement with linear cracks such as transverse cracks and vertical cracks. After grooving and cleaning the pavement cracks, the sealant can be evenly poured into the cracks with this machine to complete the maintenance work.

The Crack Filling Vehicle is suitable for large and medium-sized construction occasions. It adopts low center of gravity chassis design and splash-proof feeding switch design, which is convenient for safe feeding. It adopts dual-axle four-wheel self-design and dual-separation structure design, which is convenient to move at any time during construction, and the motor and rear axle are automatically separated during traction to ensure the stability and reliability of the walking system. Adopt all-electric design, fully automatic temperature control system, indirect heating of heat transfer oil, 360-degree vertical shaft stirring, fast heating speed and short waiting time. According to different types of road cracks, you can choose to use a variety of filling heads to achieve the best repairing effect.

Application

Road crack grooving machine is mainly used for widening crack before amending seam in asphalt surface. In addition, it has other powerful functions. It can be used for the construction of cement pavement, concrete road surface and even ice surface

Technical Parameter

Medel	Hopper Volume	Weight	Power system	Plasticizing capacity	Plasticizing time	Flow rate	Burner brand
TDZX-200	200L	1100kg	Vehicular/Traction/Self Propelled	150L/h	30-45min	0~60L (CVT)	BECKETT

Burner calorific value	Heatingue	Heat transfer oil	Mixing	Temperature control	Burner diesel tank capacity	Length of hose tube	Working speed
65000Kcal/h	Heat transfer oil	150L	Motorized	Constant temperature control	80L	5m	0-10km/h

Road Crack Grooving Machine



Product introduction

Road Crack Grooving Machine is an auxiliary equipment for pavement crack grooving. It can quickly cut the pavement into neat grooves through the roulette saw, optimize the contact level between the caulking material and the groove, and strengthen the caulking material and the side wall of the groove. The tightness of the bond prolongs the service life of the road.

TDKX-30 grooving machine features:

1.Special dust collector, which can effectively collect dust and particulate matter and meet the requirements of environmental protection.

2.One-button braking system, improve operational safety.

3.Crack location tracking system and a slotting depth control system, ensure operation accuracy and be able to cope with various complex working conditions.

Application

Road crack grooving machine is mainly used for widening crack before amending seam in asphalt surface. In addition, it has other powerful functions. It can be used for the construction of cement pavement, concrete road surface and even ice surface

Technical Parameter

Medel	Power	Cutter Head	Cutting Width	Cutting Depth	Engine Power	Dust Capacity	Dimensions	Weight
TDKX-30	Gasoline	Six Hard Alloy Cutter Head	8-50mm	0-50mm	3000W	30L	2100×1120×1300mm	260Kg

Vacuum Cleaner



Product introduction

Vacuum Cleaner are a kind of auxiliary equipment for vacuuming cracks on the road. By vacuuming, the dust, gravel, and other debris in the cracks can be cleaned up to avoid dust generation, optimize the contact level between the filling material and the slot, and strengthen the irrigation The tightness of the joint material and the side wall of the slot can prolong the service life of the road.

Technical Parameter

Model	Power	Fan	Negative Pressure	Dust Removal Pressure	Rubber Hose Length	Straw Width
TDX-500	Single cylinder gasoline engine	Aluminum alloy high pressure fan	1.8KG	2.8KG	500mm (customized)	200mm (customized)

Max. flow	Vacuum Pressure	Blower Power	Dust Volume	Size	Weight
525m3/h1300*800*1400 mm	35Kpa	5000W	50L	1350x1200x610mm	150kg

Dust Blower



Product introduction

Tongda series Dust Blower is an auxiliary equipment for blowing dust from pavement cracks. It uses high-pressure wind to clean the debris and dust in the cracks after the pavement is grooved, so that the material and the crack wall can be firmly combined after the cracks are filled, and the service life of the filled roads can be extended. Its backpack design is flexible and lightweight.

Technical Parameter

Medel	Power	Wind Speed	Start Method	Machine Weight
TDC-30	Gasoline	105.6m/s	Manual	11.2kg

Hand-push Crack Sealing Machine



Product introduction

Tongda series hand-push crack filling machine is a small auxiliary equipment for road crack filling. Put the melted sealant into the equipment kettle and push the equipment to move forward evenly along the crack direction to complete the crack filling work. Use liquefied steam heating to achieve heating and heat preservation. Equipped with a bracket device, brackets of different widths can be replaced at the outlet of the equipment according to different crack widths to ensure that the construction requirements can be met.

Advantages

1.Heat preservation

2.Filling width adjustable according to different working requirements.

Technical Parameter

Model	Volume	Size	Weight	Keep Warm Method
TDGT–30	30L	90*50*90cm	46kg	Liquefied Natural Gas

Concrete Seam Cleaning Machine



Product introduction

Concrete seam cleaning machine is a kind of cleaning machine in road maintenance. Matched up with crack sealing machine. Effectively remove sundries and aging materials in the concrete pavement seam.

Advantages

1.Road seam cleaner added automatic feed function feed size clear glance effect processing.

2.Groove cleaning device adopts high pressure fan cooling purging extends life blade.

3.Pavement repairing equipment pushes walks clean feed easy adjust speed cleaning effect.

Technical Parameter

Model	Clearance width	Clearance depth	Power	Walking way	Weight	Dimension
TDQ–10	3–10mm	0–110mm	5.1kw	Handle push	86kg	1200x680x1060 mm



Crack Sealing Engineering

Engineering introduction

Crack filling technology is mainly aimed at the preventive maintenance of road surface problems, which can effectively prolong the service life of roads and improve the safety of road driving.

Cracks are one of the main forms of early problems on roads, among which linear cracks such as transverse cracks and vertical cracks are the most common. Due to the mechanical and structural characteristics of the pavement itself, cracks are formed due to temperature changes and tensile forces generated by loads or itself. If the repair is improper, rainwater and other debris will enter the surface structure and sub-grade along the gaps, resulting in a bigger problem in the bearing capacity of the pavement. With the extension of the service life of roads, the base layer can be eroded and soft. The crack filling technology is the treatment technology for these problems, covering the content of crack filling materials, crack filling equipment and crack filling technology. After grooving the cracks with a slotting machine, use a thermal spray gun or a blower to blow off the debris and dust in the slot, and then use a crack filling machine to pour the sealant into the cracks to complete the seam filling work.

We have professional technology, equipment, and construction team, which can guarantee to provide customers with high-quality crack filling engineering services.







Micro Surfacing Engineering

Engineering introduction

The micro surfacing technology is to use professional equipment to mix the modified emulsified asphalt, coarse and fine aggregates, fillers, water, and additives according to the designed mixing ratio to form a slurry mixture and pave it on the asphalt pavement and form a feature that will soon open to traffic. Seal with high slip resistance and durability. At present, the micro-surface overlay technology is mainly used to establish and restore the road surface function and open the thin-layer structure for traffic within 1-2h after paving. Under the correct technical process conditions, the micro-surface should become a waterproof, anti-slip, wear-resistant and durable road surface functional layer.

The micro surfacing repairing rutting technology uses polymer-modified emulsified asphalt as the binder and is constructed with the help of special paving equipment. It is a paving technology of unequal thickness and thin layers of cold mix asphalt, which can be quickly restored and improved. The smoothness of the original asphalt pavement can improve the waterproof and skid resistance, reduce the risk of vehicle water drifting in rainy days, and improve the driving safety. The cross section of the rut is generally a concave curve, and its filling thickness is variable, and the material diameter in the mixture needs to be normally distributed according to the cross section of the rut. The slurry sealer is equipped with a "V"-shaped paving groove. During the paving process, the aggregates of various material diameters in the mixed slurry are stirred in the "V"-shaped paving box in a normal distribution according to the thickness change. Paving, and at the same time, a certain reserved camber is formed above the rutted groove, which is reserved for the further compaction of the mixture under the load of the vehicle, to achieve the construction effect.

We have professional technology, equipment, and construction team, which can guarantee to provide customers with high-quality micro-surfacing engineering services.



