

Arctic AMS TR

Snow plough

The Schmidt Arctic AMS TR (Tractor Scraper) is an underbody plough mounted on a special subframe under the tractor body, designed for effective all year-round road maintenance. In winter, it is used for effective removal of compacted snow and ice and the maintenance of icy and snowy roads, while in summer it is widely employed for gravel and forest road maintenance and reshaping.

Highlights

- **Fully swiveling to left and right** for effective use in any conditions.
- Compact attachment to the tractor provides significant height of mother blade which allows **large volumes of material** to be handled **without overthrowing**.
- **Left and right telescopic extension wings** allow adjustment of the working width with a simple movement of the joystick.
- **New!** Now **also compatible for John Deere tractors**. Fits models with a 2800 axel length, including 6R175, 6R195 and 6R215.

Your benefits

- **Improve productivity of your tractor:** The Tractor Scraper does not prevent normal usage of tractor. It can be quickly mounted and easily dismounted if required.
- **Suitable option to a grader:** Faster, cheaper and more reliable, due to adjustment of attack angle and safety system which prevents breakage, when compared to a grader for road maintenance.
- **Less de-icing and slush to handle:** With the Arctic AMS TR, the ice level can be kept down throughout the winter, while the amount of melting slush is reduced.
- **“Wear and tear” without breaking down:** The Arctic AMS TR is designed from ultra-strong steel for heavy-duty use.

Performance features

Tractor scraper wing

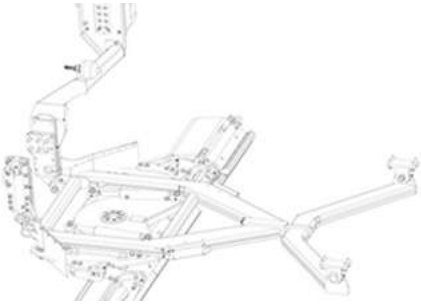
The Arctic AMS 513 TR scraper wing was designed and tested over many years for heavy-duty use in very severe conditions and high operating speed. Long-term R&D work, usage of ultra-strong steel, smart components and special treatments are key in assuring a long lifespan and the safest ploughing result.
The attack angle of the scraper has stepless adjustment from aggressive to passive for various road and surface types, as well as different wear blade systems and final targets.
The Schmidt Arctic AMS 513 TR scraper can be optionally equipped with a standard pressure regulator, which can be adjusted for certain tasks and the pressure kept automatically at that level during driving.

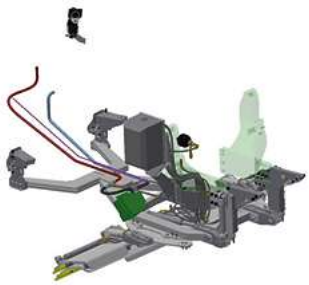





Attachment system

The Arctic AMS 513 TR scraper attachment is via a special compact subframe which gives significant height to the mother blade and provides large, telescopic extension wings.
The Arctic AMS 513 TR has its own valve block and electronic controller for precise control of each function and extra smart functionalities. All functions have hydraulic drive thanks to powerful hydraulic cylinders.

Protection systems

The Arctic AMS 513 TR typically works in very tough conditions, absorbing all impacts between road surface and the tractor body above. To cope with the impact, it has been equipped with several safety systems, comprising hydraulic accumulators and shock valves. This helps the operator to drive over obstacles and avoid damage to equipment in high impact situations.
The Arctic AMS 513 TR is controlled by the iRoad 1 control unit which has such important features such as reverse automatism, which means that the scraper blade is lifted up automatically when the driver switches to reverse. After switching to the forward gear again, the scraper automatically returns to its last working position to continue working.

Accessories

- Standard pressure regulator
- Single point lubrication
- Hard metal flat blades
- Hard metal tooth blades
- Flat 12mm steel blades
- Perforated 12mm steel blades
- Tooth 12mm wear resistant blades
- Assembly frame for pike elements 37°
- Bolt and nut attachments of wear blades
- Taper pin attachment of wear blades

Related products

Arctic HPD

Snow plough



SHJ TR

Snow plough



Technical data

Construction	
Number of extension wings	2
Attack angle of the blade	80° / 150°
Swiveling angle	25° - 25°
Lateral inclination angle	14°
Dimensions	
Transport width	2,590 mm at 25°
Operational Dimensions	
Working width	2,720 - 3,070 mm at 25°
Weights	
Approx weight	1,000 kg

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