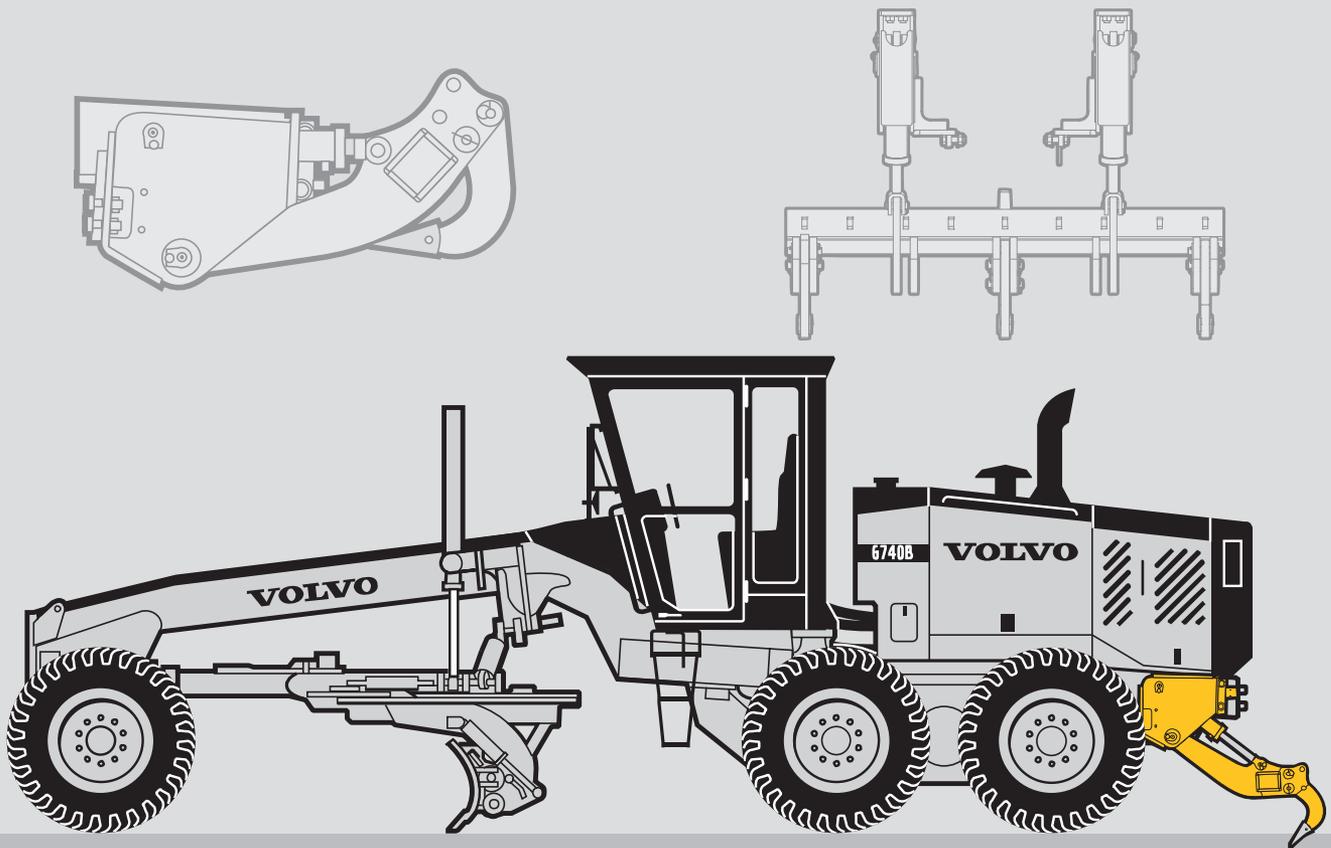


# RIPPER/SCARIFIER

## ATTACHMENT



### Key Features:

- The ripper features a revised attack angle. The field proven curved ripper shank design allows for easier penetration of hard surfaces while maximizing tip life.
- The parallel tooth path design ensures consistent ripping depth throughout the working range. This design provides consistent material break-up and/or mixing of aggregates across the width of the ripper.

- Tooth angle changes as depth is varied to maximize ripping/scarifying efficiency.
- Design allows for close operation to fixed objects such as walls, curbs and embankments.
- The ripper/scarifier can be used with two different sets of ground engaging tools: 1 to 5 ripper teeth or up to 9 scarifier teeth.

### Parallel Point Penetration

The ripper/scarifier is a rear frame mounted tool used for breaking up asphalt or other hard-pack aggregates prior to blading. Uniform mixing of coarse and fines can also be achieved for improved compaction of road surfaces.

## DIMENSIONS

### Model V022

Weight.....	953 kg (2,100 lb)
Beam dimension.....	2 337 mm x 165 mm x 203 mm (92" x 6.5" x 8")
Material thickness.....	19 mm (0.75")
Width of cut.....	2 220 mm (86.6")
Lift cylinder diameter.....	101 mm (4")
Add to overall grader length (travel position)	
G710B – G730B.....	505 mm (20.0")
G740B – G780B.....	455 mm (18.0")

## RIPPER SHANK GROUND CLEARANCE

Tire Size	Tooth-Work Position	Tire Size	Tooth-Work Position
13.00 x 24.....	615 mm (24.25")	13.00 x 24.....	530 mm (21")
14.00 x 24.....	635 mm (25.0")	14.00 x 24.....	550 mm (21.75")
16.00 x 24.....	690 mm (27.25")	16.00 x 24.....	610 mm (24.0")
17.50 x 25.....	620 mm (24.5")	17.50 x 25.....	540 mm (21.25")
20.50 x 25.....	685 mm (27.0")	20.50 x 25.....	605 mm (23.75")

## KEY FEATURES

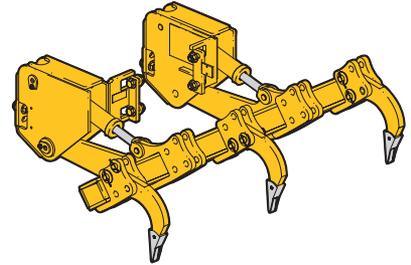
- Ripper teeth: 3 supplied, accepts up to 5
  - Tooth spacing 538 mm (21.2")
  - Tooth attachment 2 pins per shank
  - Maximum penetration 457 mm (18")
  - Shank - Hardness 415 Brinell
    - Thickness 127 mm x 44 mm (5" x 1.7")
  - Tip - Replaceable. Hardness 495 Brinell
    - Tip size 228 mm x 50 mm (9" x 2")
    - Penetration force 8 095 kg (17,850 lb)
    - Pryout force 8 855 kg (19,525 lb)
- Scarifier teeth: Accepts up to 9 scarifier shanks
  - Tooth attachment - removable wedge
  - Maximum penetration 279 mm (11")
  - Shank - Carbon steel alloy. Hardness 415 Brinell
    - Thickness 76 mm x 25 mm (3" x 1")
  - Tip - Replaceable. Hardness 495 Brinell
    - Tip size 165 mm x 44 mm (6.5" x 1.7")
- Mounted to the frame with eight grade 8 bolts
- Hydraulic control: Full hydraulic control using lever on steering pedestal
  - Two double acting cylinders with lock valve
- Fits all G700B Volvo Motor Graders and allows for cooling module access, regardless if the ripper is in the raised or lowered position
- Generous departure angles to reduce hang ups
- Easy storage of ripper shanks for travel
- Standard paint color: Volvo Gray
- Consult your Volvo dealer for hydraulic and mounting requirements

*All dimensions are approximate.*

*Your safety and the safety of those around you depends on using care and judgement when operating and servicing your grader. Do not operate the grader until you read and understand the warnings and instructions in the operator's manual. Volvo Motor Graders Limited is an ISO 9001 and 14001 registered company. [www.volvo.com](http://www.volvo.com)*

*Under our policy of continuous product development and improvement, we reserve the right to change the specifications and design without prior notice. The illustrations do not necessarily show the standard versions of the attachment or the machine.*

## RIPPER/SCARIFIER



Volvo offers a complete line of attachments to increase the versatility and productivity of your grader. Volvo attachments are designed to meet the unique performance characteristics required in grader applications.

# VOLVO

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