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# **CARPET REMOVAL**

Application Guide

# 1. FIND YOUR MACHINE

All NFE scrapers are capable of removing carpet. Machine selection should be based on factors such as budget, project size, required productivity rates, job site conditions, and material type.

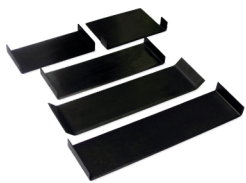


Most Maneuverable  
Least Productive

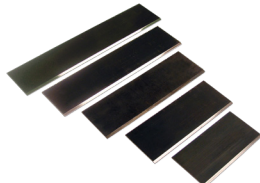
Least Maneuverable  
Most Productive

# 2. FIND THE RIGHT TOOLING

**Why?** Finding the right tooling is key to efficient carpet removal. Carpet type, backing, adhesive conditions, and substrate can all impact performance. Choosing the proper blade setup can improve productivity, reduce operator fatigue, and help protect the sub-floor.



Self-Scoring Blades



Scraper Blades



Self-Scoring Blades  
4" Wings

## Types of Blades:

### Self-Scoring Blades

**Best for:** Large-scale carpet removal projects, particularly in commercial settings. These blades can quickly remove large sections of carpet and adhesive because they score the carpet while removing at the same time.

### Self-Scoring Blades (4" Wings)

**Best for:** Double stick carpet. Tall enough to remove the carpet cushion and carpet at the same time. Also ideal for 70s style shag carpet.

### Heavy-Duty Scraper Blades

**Best for:** Removing glued-down carpet, carpet tiles, and stubborn adhesive residues. Built for durability and designed to handle tougher jobs, making them ideal for commercial carpet removal.

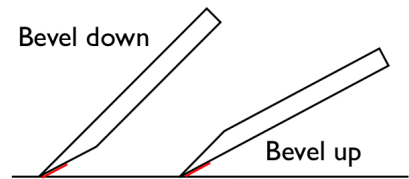
## How to Choose the Right Blade for Your Project:

**Carpet Type:** Thick, plush carpets may require a self-scoring blade with extra tall 4" wings, while lighter carpets can be handled with standard height blades.

**Adhesive Strength:** If the carpet is glued down firmly, opt for a heavy-duty blade to cut through adhesive without getting bogged down.

**Sub-floor Protection:** Know your sub-floor. Self-scoring blades come in both bevel up and bevel down varieties.

## Bevel Up vs. Bevel Down:



## Bevel Up vs. Bevel Down

**Bevel Up** blades are typically used on concrete sub-floors and help the blade glide smoothly while aggressively removing carpet, vinyl, rubber, and other soft goods.

**Bevel Down** blades are commonly used on wood sub-floors and provide a smoother scraping action that can reduce floor damage on more fragile sub-floors.

### TIP: The Art of Ditching

When removing monolithic flooring like carpet, vinyl, rubber, or linoleum, avoid trying to pull up large continuous sheets. Instead, use your scraper to create a checkerboard style pattern by making straight passes front-to-back and side-to-side. This process, known as "ditching", breaks the flooring into smaller, more manageable sections that are easier to remove, clean up, and dispose of.

### 3. RESCRAPE GLUE

After carpet removal there is a good chance you are left with a layer of glue to remove. Re-scraping glue can be achieved a few different ways, depending on the machinery and tooling you have on hand.

#### Option 1:



Scraper



Razor Blades  
or  
1-inch Blades

#### Scraper + Razor Blade / 1-Inch Blade

After bulk flooring removal, a scraper paired with a razor blade cutting head or 1-inch blade is ideal for re-scraping residual adhesive and coatings. NFE's 1-inch blades are designed for adhesive, VCT, epoxy, and elastomeric coating removal, while swivel razor blade heads help maintain consistent blade contact for improved productivity.

#### Option 2:



Scarifier



40221  
Drum with Star wheel/  
Solid Carbide

#### Scarifier + 40221 TSR Drum

For tougher adhesive residue, a scarifier equipped with NFE's 40221 TSR Drum provides aggressive mechanical removal of glue, coatings, and surface contamination. The TSR-5.5 carbide cutters are designed for thin, hard materials and leave a shot blast-like concrete profile.

#### Option 3:



Helix



Helix Scarifier Tooling

#### Helix + Helix Scarifier Tooling

For smaller glue removal and prep jobs, the Helix paired with NFE's Helix Scarifier Tooling offers an aggressive solution for removing residual adhesives and coatings. The 110V Helix allows operators to transition between scarifying, grinding, and polishing with a single compact machine.