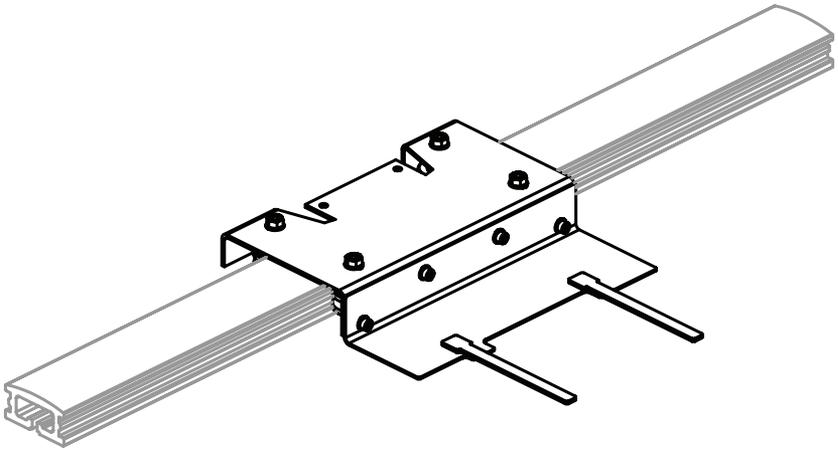


**Alpha<sup>®</sup> ASC-5CSM  
Carriage Assembly  
for the 5" Stone Cutter  
Instruction Manual**



**Part No: ASC-5CSM  
Version 1**

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 **Alpha Professional Tools<sup>®</sup>**

103 Bauer Drive, Oakland, NJ 07436 • 800-648-7229 • Fax: 800-286-0114  
[www.alpha-tools.com](http://www.alpha-tools.com)

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## INTRODUCTION

Thank you for purchasing the Alpha® ASC-5CSM Carriage Assembly as part of the Guide Rail System for the Alpha® 5" Stone Cutter. Please read this instruction manual thoroughly to ensure safe and correct use of the wet stone cutter. Keep this manual in a place where operators can access it easily whenever necessary.

# HOW TO ATTACH THE ESC-125 TO ASC-5CSM

Install the ESC-125 onto the Carriage Assembly by inserting the arms on the Carriage Assembly into the appropriate slots on the base plate and tightening the wing screws to secure (See Figure 1).

A: Normal use

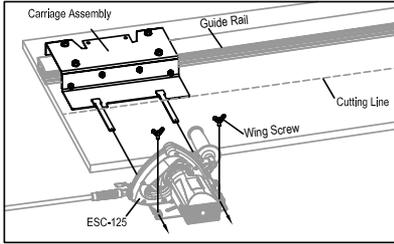


Figure 1

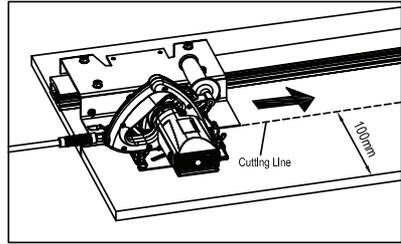


Figure 2

B: When the width to cut off stones is 100 mm or less

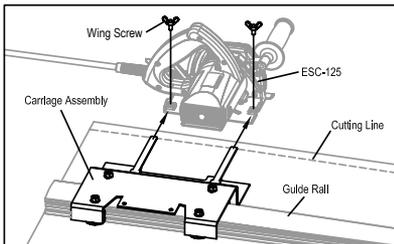


Figure 3

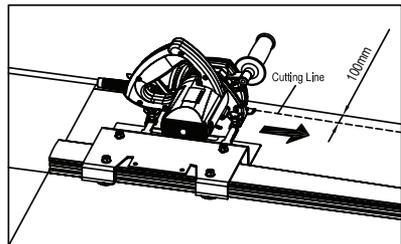


Figure 4

## NOTE:

- The ESC-125 should be attached onto the Carriage Assembly with the blade located next to the Carriage Assembly for cutting material 100mm or more in width (See Figure 2).
- When cutting material that is less than 100mm in width, the ESC-125 should be attached with the blade furthest away from the Carriage Assembly (See Figure 4)
- No matter how you use the Alpha® Guide Rail System, there is always a risk to scratch hard surfaces regardless of the materials you are working on. We suggest using the Alpha® Surface Protection Tape (BAB0650) to protect the surface from potential scratches caused during the cutting applications.

## ► USING THE CARRIAGE ASSEMBLY AND GUIDE RAIL

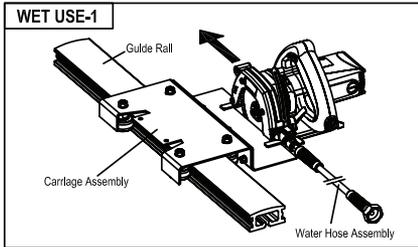


Figure 5

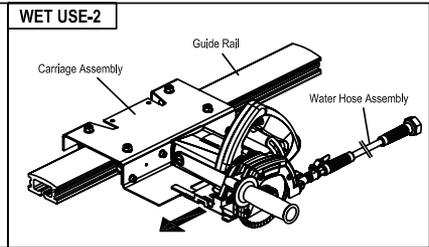


Figure 6

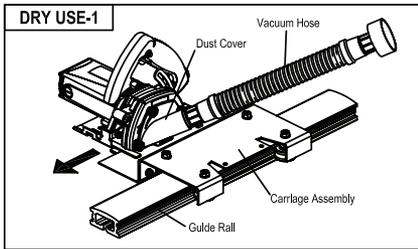


Figure 7

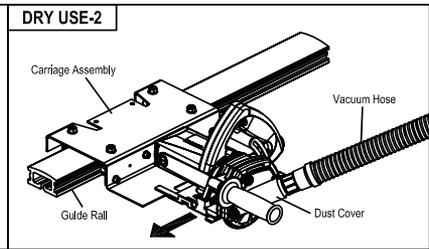
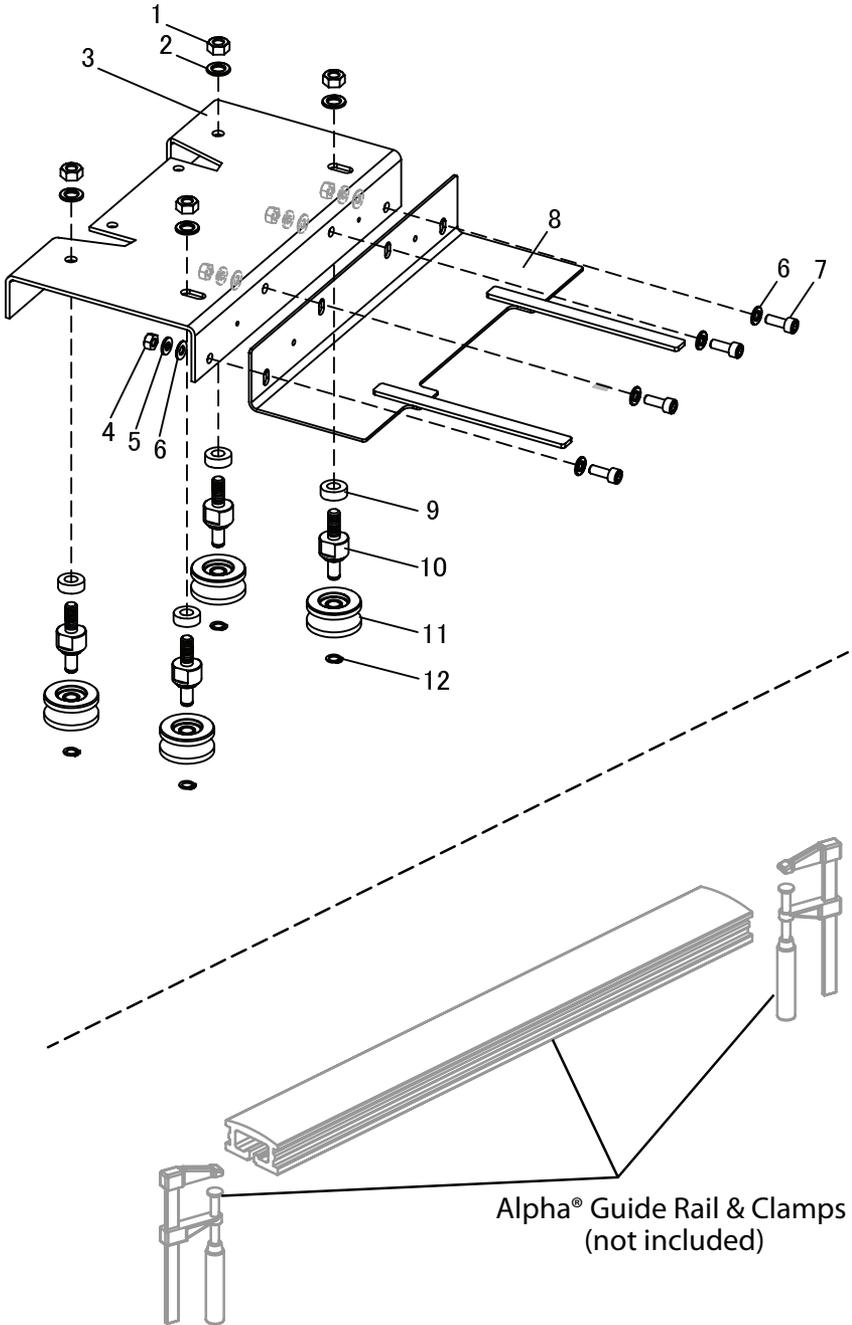


Figure 8

### NOTE:

- Refer to OSHA Standard 1926.1153- Respirable Crystalline Silica for specified Exposure Control Methods

# ALPHA® ASC-5CSM CARRIAGE ASSEMBLY SCHEMATICS



# ALPHA® ASC-5CSM CARRIAGE ASSEMBLY PARTS LIST

DRAWING NO.	PART NO.	DESCRIPTION	QUANTITY
1	133285	Nut (M8)	4
2	133252	Washer (M8)	4
3	133383	Guide Rail Carriage (for ASC-5CSM)	1
4	803138	Nut (M6)	4
5	133072	Spring Lock Washer (M6)	4
6	133071	Washer (M6)	8
7	133251	Screw (M6)	4
8	133384	Carriage Base	1
9	133433	Spacer	4
10	133435	Rail Wheel Axle	4
11	133239	Rail Wheel Assembly	4
12	133051	Retaining Ring-C	4



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