



Edelman Auger – Clay Type

Clay soils are very cohesive. Therefore, the blades of the clay auger can be narrow, having the advantage that they meet with little resistance.



Edelman Auger – Sand Type

Sandy soils are not cohesive. To keep the sample inside the auger, this type has broad blades.



Edelman Auger – Coarse Sand Type

Coarse sand soils and extremely dry sand soils have little or no cohesion at all. The blades of this auger are extended with extra wings, thus forming an almost closed auger.



Edelman Auger – Combination Type

The Combination Auger type gets a reasonably good hold of sandy material while clayey material can be easily removed from the auger body.



Riverside Auger

This design is most suitable for augering in hard, stiff soils, mixed with fine gravel. The very sharp extremities of the auger bits point at a downwards angle. This design makes the auger go through the soil easily.

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Stony Soil Auger



This Auger is used for soils with large gravel content. The auger body for stony soils consists of a heavy steel strip, vaulted all along, which is bent double by forging. The pointed cutting section of the strip are bent outward, this creating a hole significantly wider than the average body diameter. The stony soil auger is used when the Riverside auger is not yielding adequate results in coarse gravel soils.

Soft Soil Auger



The soft soil auger is a special type of Edelman auger. It has an extended auger body (sensitive to torsion) and is only suitable for sampling very soft (clay) soils. The extendable auger parts can be supplied with a bayonet or screw thread connection.

Spiral Auger



The spiral auger operates similar to a corkscrew and does not cut off the soil. The auger is usually applied when hard layers need to be penetrated.



Each of the auger types above can be purchased as a one-piece and/or bottom part.

We offer handles and extension rods for use with our range of various bottom part augers, these come with either Conical Screw thread or Bayonet connection.

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