

CASE STUDY

CHICAGO FIELD MUSEUM

PROBLEM

In 1990, Sue, the world's largest Tyrannosaurus Rex was found near Faith, South Dakota. In 1997, the Chicago Field Museum purchased Sue. Before Sue's skeleton can be placed on display, it must first be prepared. Each fossilized bone must be carefully removed from the rock matrix that surrounds it. This naturally creates a large amount of fine dirt, sand and debris.

SOLUTION

Nederman arms are used to extract the particulate generated from the tedious process of cleaning each bone on the 65 million year old skull. The curators, utilizing the air abrasion method found that it was necessary to capture the polluted smoke and dust at the source with three 10 foot Nederman Original Arms. Mounted on the ceiling, the technicians were able to place the hood exactly where they needed it. In a separate room they also used (2) 10 ft. arms positioned over a tabletop.

RESULT

Since first being discovered in 1990, Sue has become the most well preserved Tyrannosaurus Rex for this century. Due to the wonderful efforts of the Field Museum and Nederman, Inc., Sue was brought to exhibition status May 17, 2000. For more information visit, www.fieldmuseum.org.

