Broco Rankin designs and manufactures automated welding equipment to improve efficiency and performance, including the Vibratory Carbide Feeder (demonstrated at the Welding Solution Center).

With the “Vibratory Feeder” from Broco Rankin wear and abrasion meet a new enemy. Now you can choose the required grain size of tungsten particles you wish to use for your hardfacing applications. With over 2400 HV hardness and such an extreme rough surface amazing results can be obtained on many different applications.

With the standard well known Mig-process Tungsten particles falls in the molten pool behind the gas nozzle (trailing) where the particles become part of the solidifying weld pool. During the Theme day “Hardfacing” at the Welding Solution Center on October 15, 2015 several possibilities are shown in practice.