SMART GEOPREP

ROCKLABS' "Smart Geoprep" is an automated version of the very successful Boyd/RSD COMBO. The automation is provided by an easy to use PLC.

When using "Smart Geoprep" the operator chooses an optimum weight for the split that will be produced. For example, when using a ring or puck mill, there is an optimum amount for pulverising, not too high a weight so the sample is pulverised fully, not too small a weight so the pulverised sample is representative of the original material.

The operator weighs each sample (this can be recorded in a LIM System) and loads it into the Boyd Crusher. The sample material falls onto a small belt conveyer that takes it to the RSD.

The speed of the belt is controlled by a PLC so that small samples travel slowly, to ensure a high quality split through the RSD. The RSD is controlled by the PLC to provide the pre-set weight plus the remainder. The remainder can be retained or dumped. If dumped , it can be removed by a second belt conveyor to a bin or outside the building.

For more information, please refer to our website www.rocklabs.com

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