



Region of Waterloo

ENGINEERING AND
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Waste Management

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Waterloo Waste Management Centre Material Recycling Centre (MRC) Equipment Deposition

Equipment: Inclined Transfer Conveyor C-11 (Slider Bed Conveyor 30" wide x 41'-3" long)

Equipment Number: C-11

Serial Number: CSR3-192L

Line Number: Containers

Model: Slider Bed Conveyor

Size / Dimensions: 30" wide x 41'-3" long

NOTE: Dimensions only include one length of belt

Reducer (Model and Mounting Position of the Speed Reducer): SK4282 M5

Power: 3 HP

Power Supply: 575/3/80

Speed: 120 RPM

Age: Purchased in 2009

Date Removed from Service: March 2, 2024

Condition when removed from Service: Working, fully operational.

Description: MACHINEX slider bed conveyors are built for high-volume throughput with a maximum efficiency. At the MRC the inclined transfer conveyor was previously used to transfer plastic material from the plastic perforator to the vibrating feeder shaker screen within the MRC. Refer to Section 3.5 of the MachineX service manual for additional details.

Damage: Exterior - Scratches, dents, dings & rust are present

Maintenance Schedule (while in service): Monthly, and as required.

Note: The conveyor (C-11) is tied into the motor control centre (MCC) located within the main sort room to provide full integration with the facilities processing equipment. The corresponding variable frequency drive (VFD) for the conveyor (C-11) is included with this advertisement and sale.

Special Considerations: The conveyor (C-11) described above is located on an elevated platform above the MRC floor (please refer to Material Recycling Centre Sort Line Figure for exact location). As the platform is elevated a railing system has been installed for worker safety (see photos attached). In addition, to the north of the railing system there is a concrete block wall used to contain and delineate the container tipping floor (see photos attached). In addition, there is a reinforced concrete block wall located along the western side of the facility used to contain and delineate the container tipping floor. As such, the equipment will be required to be removed from the eastern side of the MRC within the designated fibre tipping floor. The successful bidder will be required to take site conditions into considerations when developing their bid and removal plan. Coordination with Regional staff will be required during the removal activities. It is strongly encouraged that all potential bidders attend the non-mandatory site visit to fully assess site conditions.

Department: Waste Management, The Regional Municipality of Waterloo