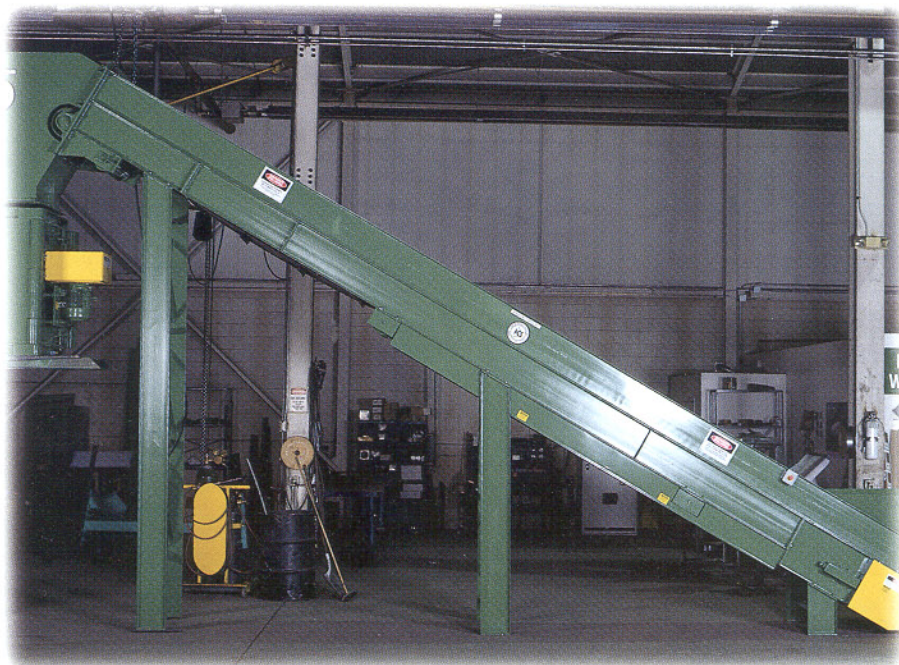


World class operations **demand** superior equipment solutions.



Karl W. Schmidt & Associates, Inc.

originated in 1978 producing high quality machinery for the recycling and solid waste industries. Karl W. Schmidt & Associates, Inc. prides itself in providing customer service and support to fully meet all customer's needs at all times.

Karl W. Schmidt & Associates, Inc.

has a combined experience of over 3/4 of a century. We can size and design per your exact requirements such as product, volumes, building configuration, etc.

Following is a list of systems we supply, equipment we manufacture, as well as machinery which is commonly integrated with our equipment *for a complete recycling system.*

SYSTEMS:

Fiber Sorting
Commingled Sorting
(Automatic & Semi-Automatic)
MSW Sorting
Baling Systems
C & D Sorting
Turnkey Materials Recovery Facilities

Pulper Feeder
Weighing Systems
Shredding Systems
Debaling Systems

EQUIPMENT:

Sliderbed Conveyors
Chain< Conveyors
Steel Belt Conveyors
Fluffers
Cart Dumpers
Trommels
Air Classifiers

INTEGRATED MACHINERY:

Magnets
Screens
Eddy Current Separators
Shredders
Metal Detectors
"MRF" Platforms

ASSEMBLY AND FINISH:

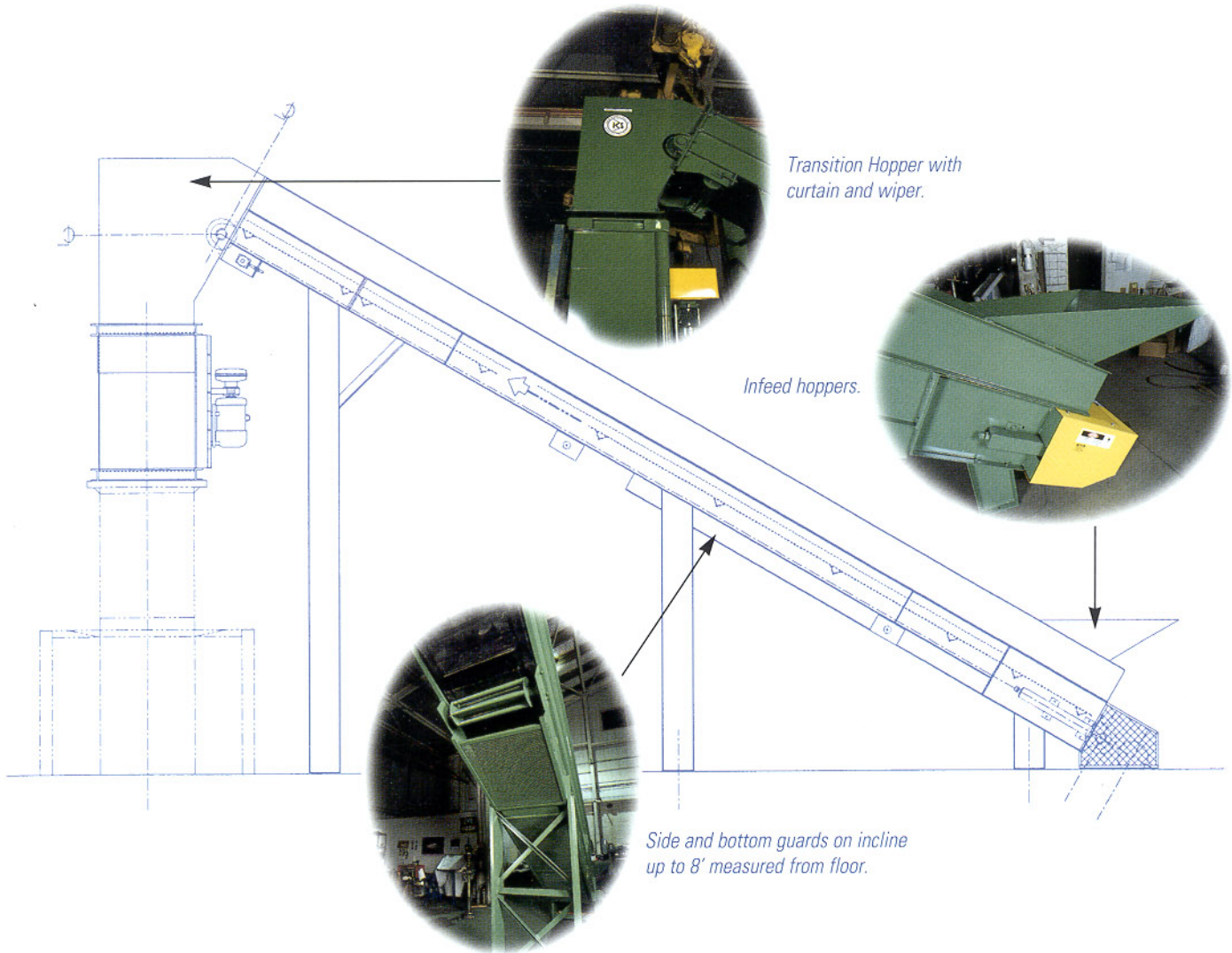
All welding procedures follow the guidelines set forth by AWS section D1.1. Standard welding is either ARC or MIG, depending on application.

Equipment finish includes cleaning all surfaces of grease, oil, etc., as well as an inspection to remove sharp edges. Each sub-assembly receives one coat of 2 1/2 mils DFT industrial enamel paint. Finish paint color may be specified by customer.

"It is a funny thing about life; if you refuse to accept anything but the best, you very often get it."

— Somerset Maugham

SLIDERBED INFEED



The Sliderbed is designed and manufactured to receive paper, corrugated cardboard materials, commingled containers and other recyclable mixes.

Main frames are MC12 structural steel channel, 3" x 3" x 1/4" spreader angles on 60" (maximum) centers, 7 gauge steel deck and 1/2" thick joint plate.

Leg support structures are fabricated from minimum 10" structural steel channels, with 3" x 3" x 1/4" spreader angles.

All sliderbed conveyors utilize heavy duty rubber belting.

Head and tail shafts are 1045 cold-rolled steel bar mounted in Dodge type SCM pillow block ball bearings.

Head and tail pulleys are crown face, with taper lock shaft bushings. Pulleys are sized per unit specifications. Head pulleys are drum style with (minimum) 1/4" lagging installed by manufacturer. Tail pulleys are wing style, self-cleaning.

Sliderbed drive assemblies are engineered and sized on an individual unit basis, per the customers specifications. All drive components are assembled and tested at the factory prior to shipment.

Expanded metal side and bottom guards are included to enclose all moving components up to 8' - 0" (nominal) above finished floor, or any sections of unit that are easily accessible from walkway, stairs, platforms, etc. All moving components are enclosed with OSHA-approved guards.

The Engineering Department at **Karl W. Schmidt & Associates, Inc.** incorporates all the elements required to provide our customers with the equipment or system which will best suit the unique conditions of their operation. The engineering staff includes the Department Manager, Senior Project Manager, Designers, Electrical Designer and drafting personnel.