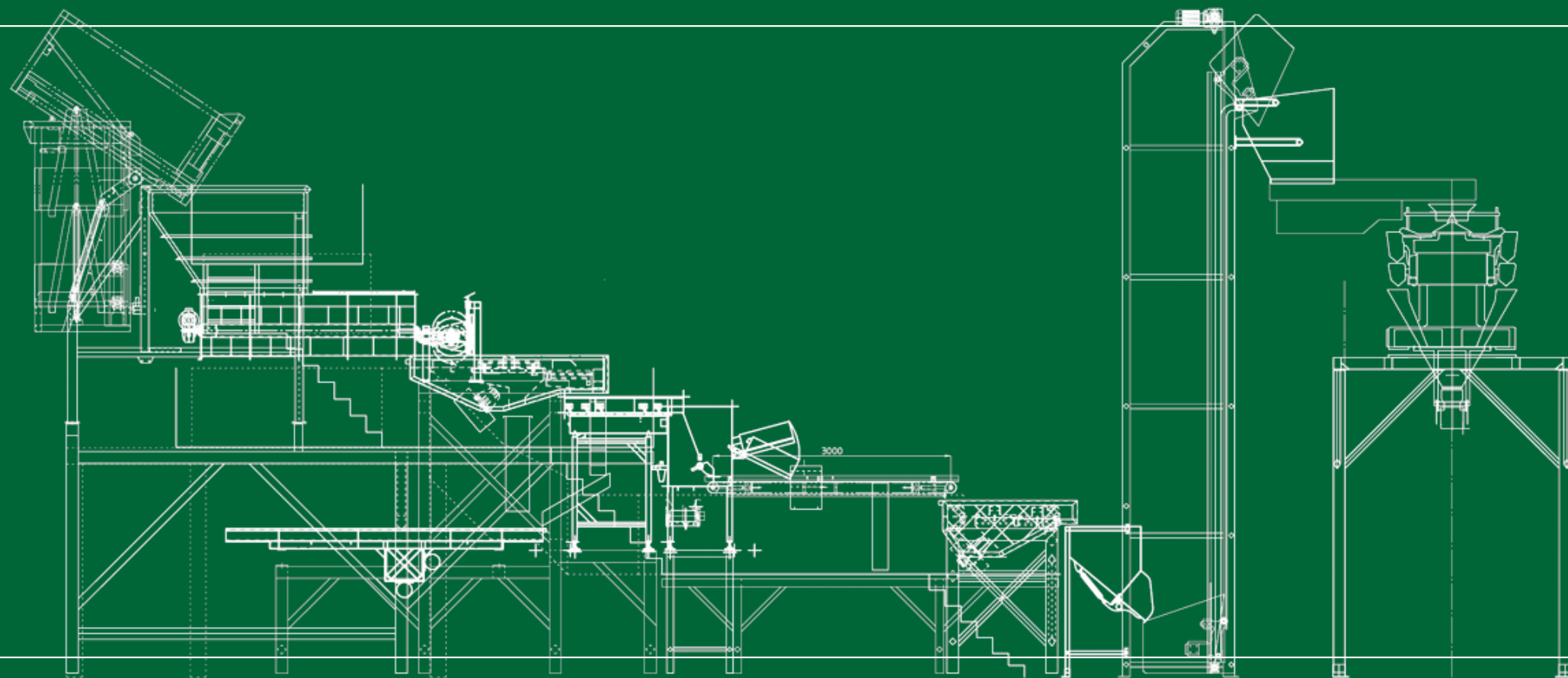




VEGETABLE PROCESSING SOLUTIONS



Constructie Bruynnooghe N.V. :

Based in Staden, Belgium

Over 35 years active in vegetable processing industry (frozen and canned) and fresh carrots

Annual Turnover of about 10 Million Euro

About 50 Employees

Active mainly in Europe,
but also North America and Australia





OUR EXPERTISE...

- *adding value by.....*
 - multi product lines
 - simple creative solutions
 - focus on product quality
 - maximising return on investment
- *turn key projects*
- *specialist in stainless steel*





OUR EXPERTISE...

TURN KEY PROJECTS FOR :

FROZEN VEGETABLE INDUSTRY

CANNING INDUSTRY

FRESH MARKET PACKING

PACKING LINES

MIXING SOLUTIONS

BLANCHING



OUR EXPERTISE...

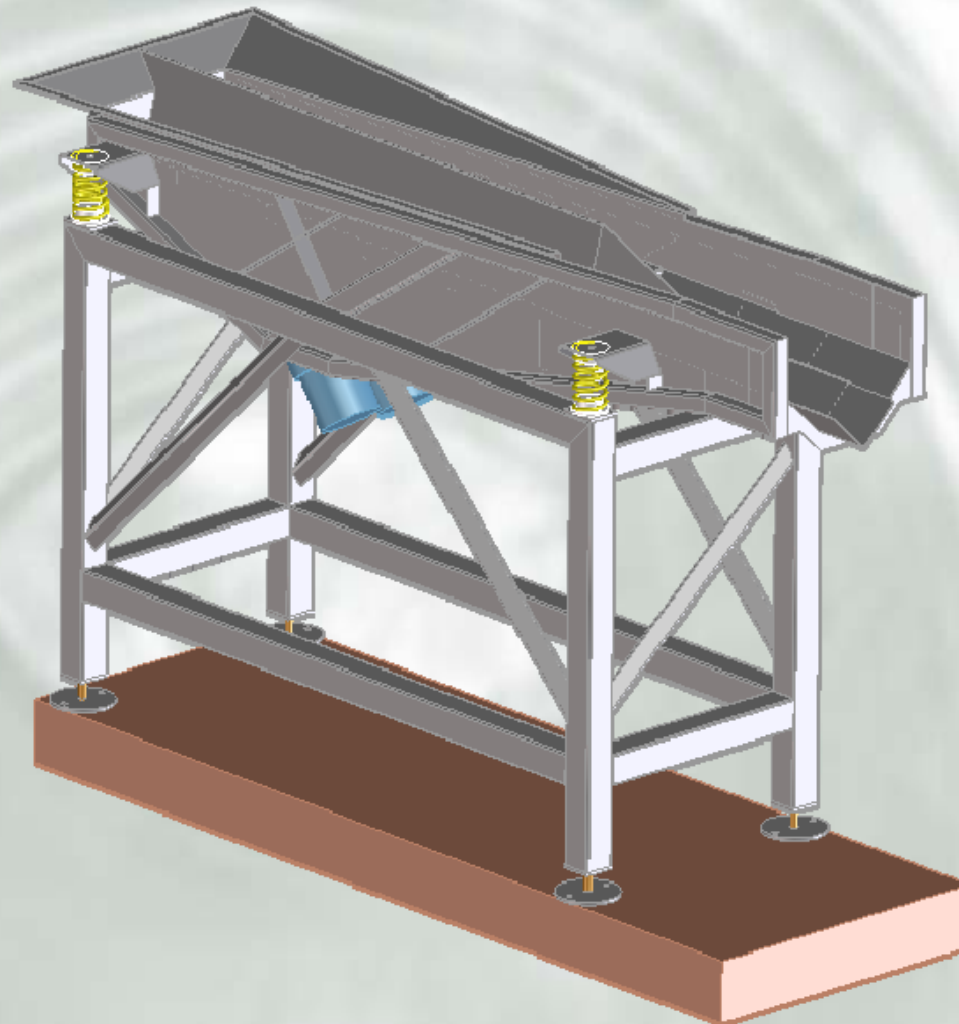
VEGETABLE PROCESSING SOLUTIONS

- *carrots*
- *red beets*
- *other root crop*
- *cauliflower*
- *beans*
- *peas*
- *spinach*
- *sprouts*



OUR EXPERTISE...

3D DESIGN





OUR EXPERTISE...

STAINLESS STEEL





OUR EXPERTISE...

AUTOMATION





OUR EXPERTISE...

CAD-CAM LASERCUTTING





ROOT CROP

- *RECEPTION AND DRY DESOILING*
- *DESTONING*
- *WASHING PROCESSES WITH WATER CIRCULATION*
- *DIAMETER GRADING*
- *LENGTH GRADING*
- *BRUSHING AND POLISHING (Fresh Market)*
- *PEELING AND SKIN REMOVAL (KIREMKO)*
- *SMALL PARTS REMOVAL*
- *BLANCHERS AND COOLERS*



ROOT CROP

Reception and Storage





ROOT CROP

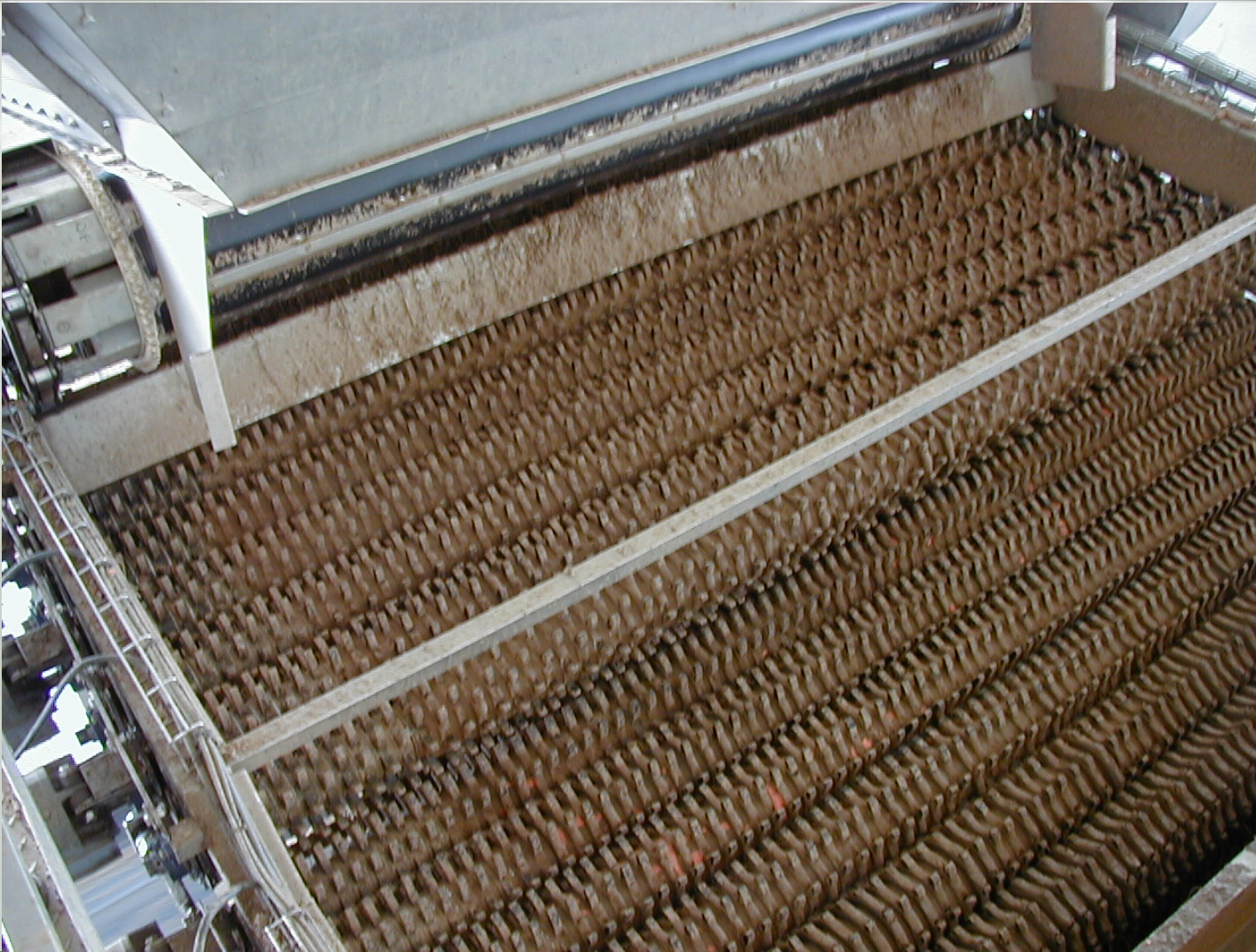
Wet Reception of Root Crops





ROOT CROP

Dry Desoiling





ROOT CROP

Separator Floating Material





ROOT CROP

Floating debris removal





ROOT CROP

Cyclone Destoner





CYCLONE DESTONER





ROOT CROP

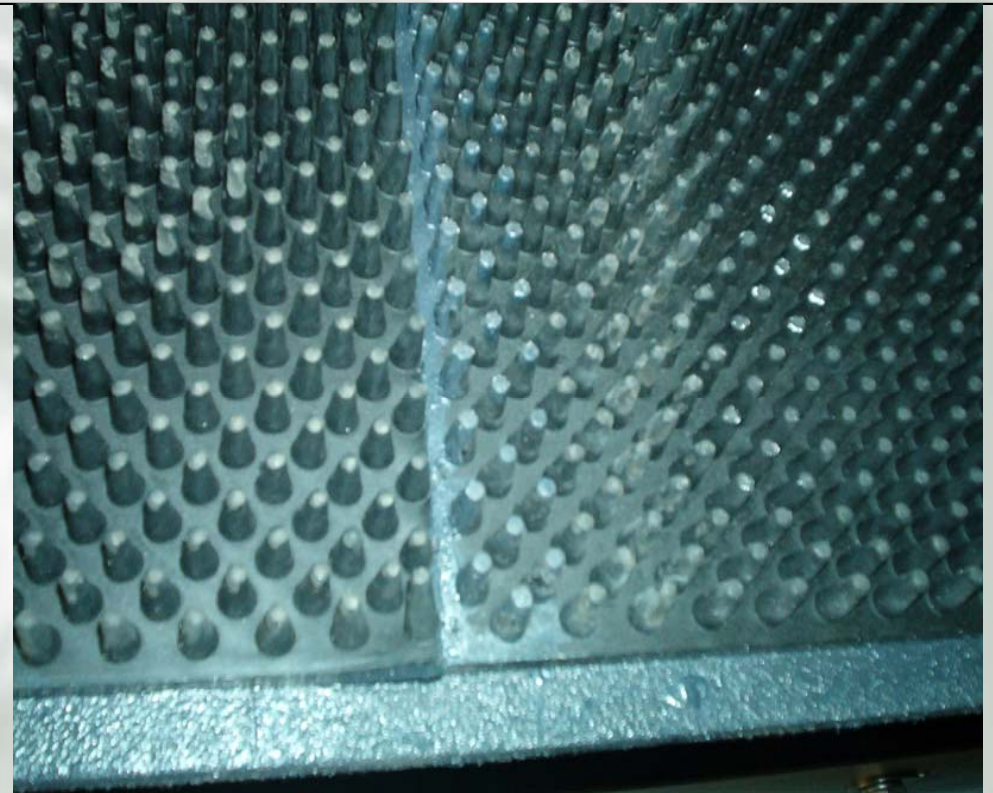
Weed Remover





ROOT CROP

Weed Belt





ROOT CROP

PRE-WASHING





ROOT CROP

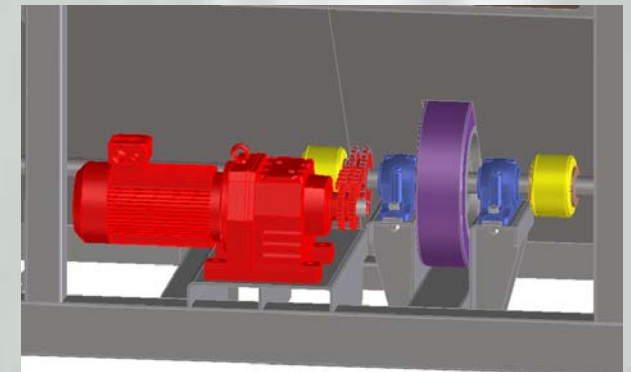
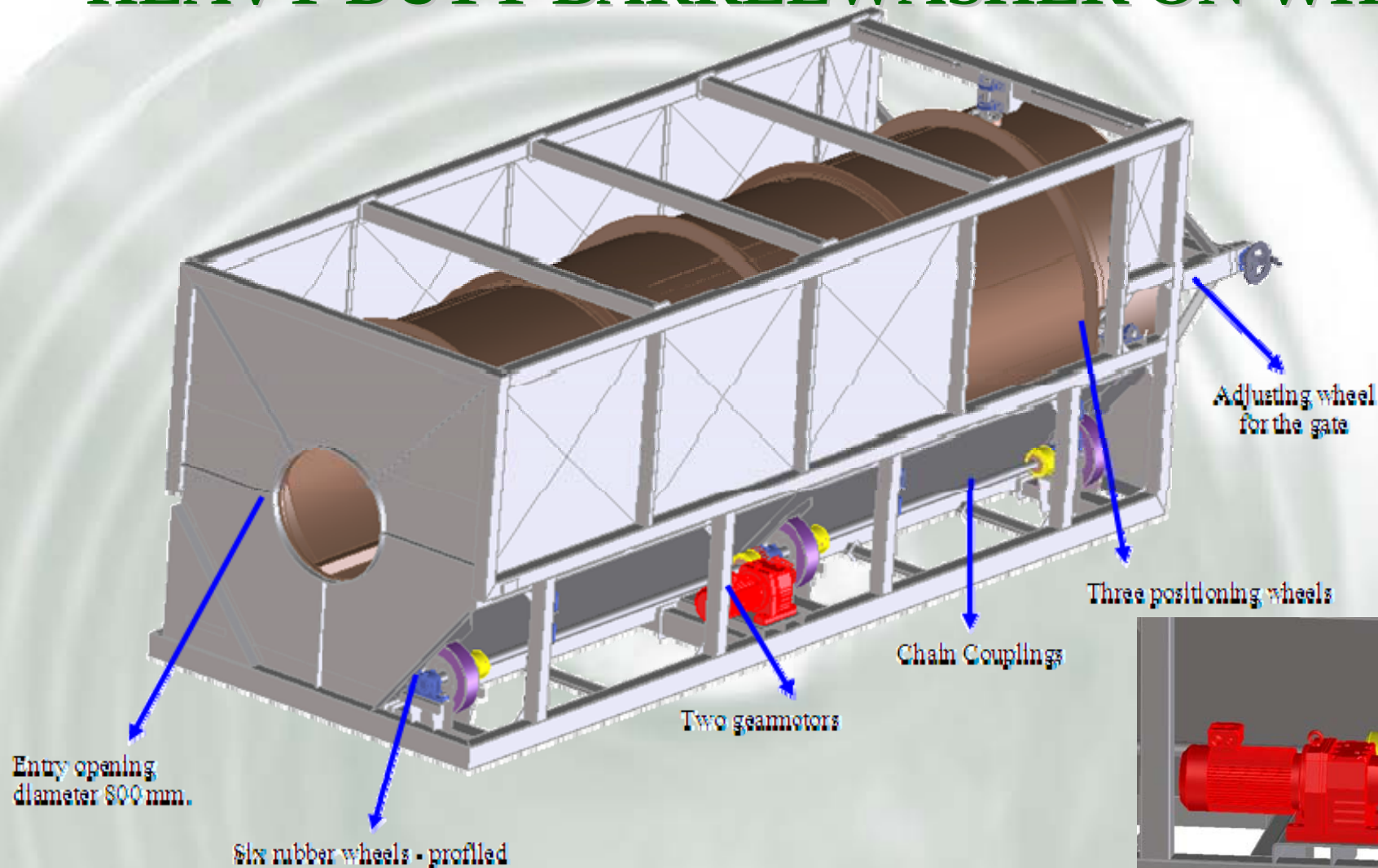
Washing in Drum Washer





ROOT CROP

HEAVY DUTY BARRELWASHER ON WHEELS





ROOT CROP

Hydro Storage and -Buffering





ROOT CROP

Roller Grader





ROOT CROP

Length Grader





ROOT CROP

Hydro Cooling and Storage





ROOT CROP

After Washer





ROOT CROP

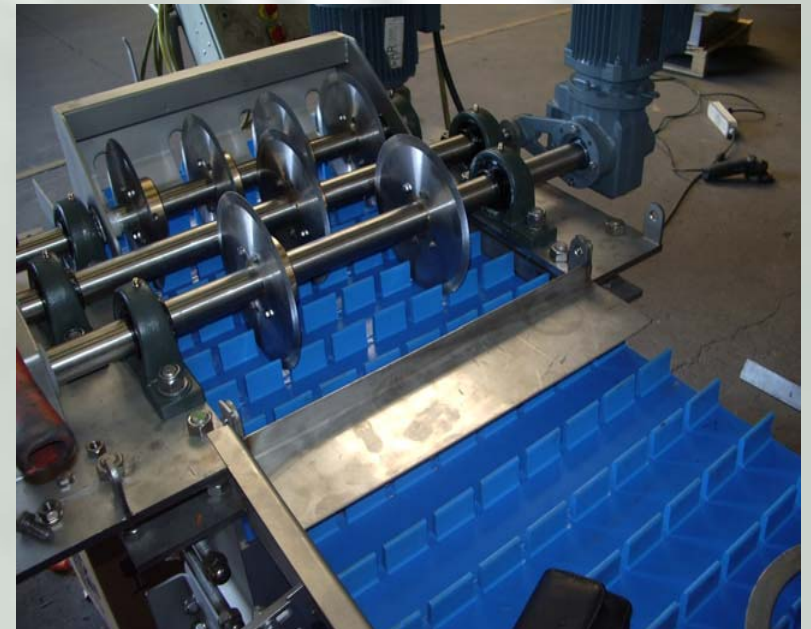
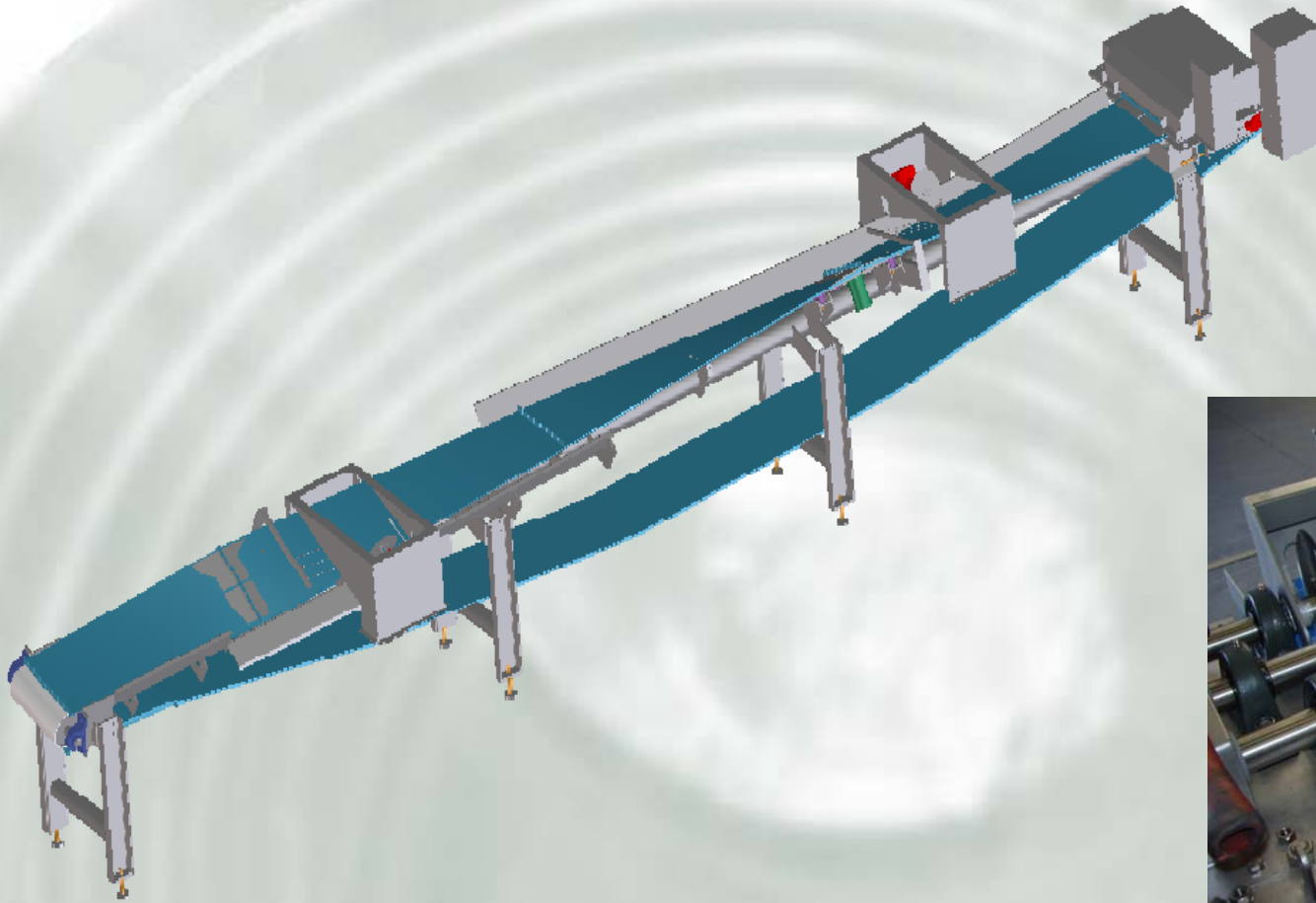
Baby Carrot Cutting





ROOT CROP

Snack Carrot Cutting





ROOT CROP

CUP GRADER





ROOT CROP

CUP GRADER





ROOT CROP

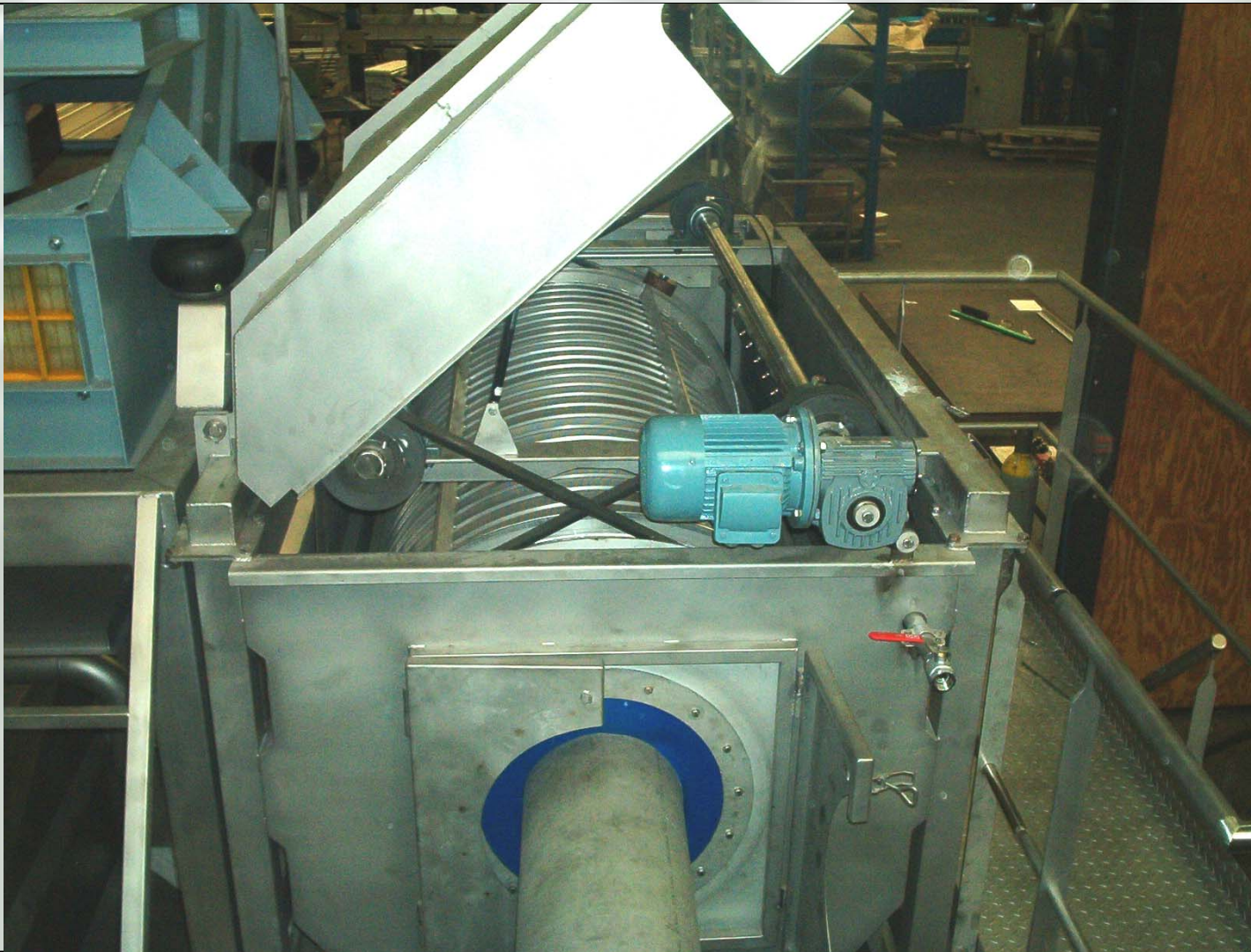
GRADING DRUM





WATER TREATMENT

Filtering Systems





WATER TREATMENT

Fine Filter Systems





WATER TREATMENT

DYNAMIC DESANDING

based on centrifugal technology
with draining shaker
seperation > 50 micron





WATER TREATMENT

STATIC DESANDING

- Conical container
- Normal sedimentation
- Purge valve at underside





LOGISTICS

ALL KINDS OF TRANSPORT

- SCREW
- VIBRATOR
- BELT





LOGISTICS





LOGISTICS

Roller Inspection Conveyor





LOGISTICS

HYDRO TRANSFER





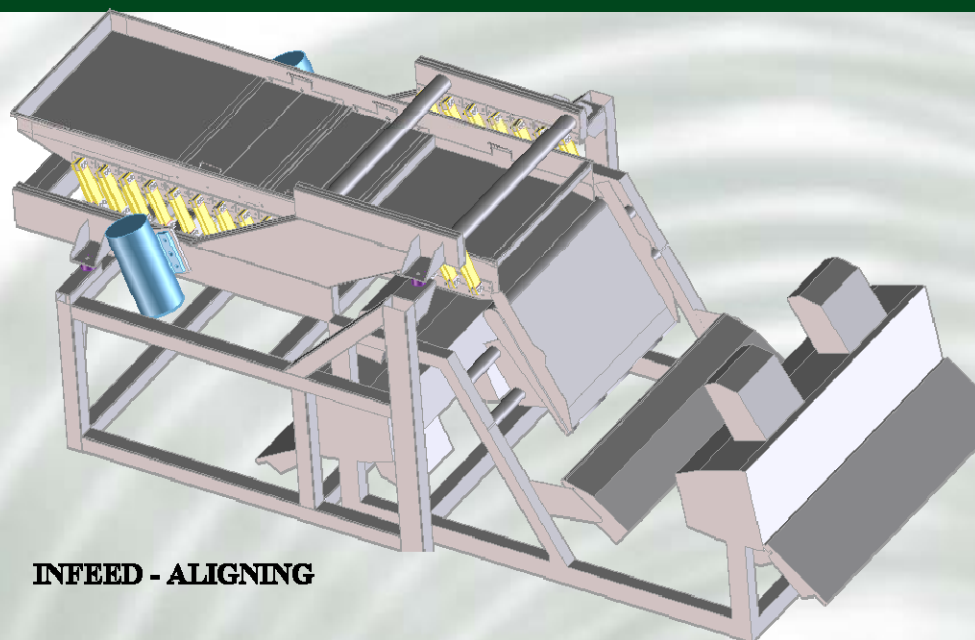
LOGISTICS

DRAINING SYSTEMS

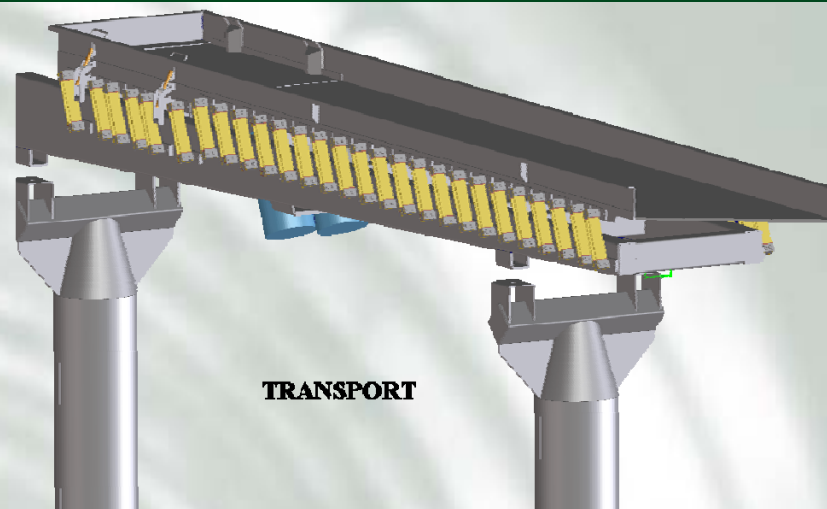




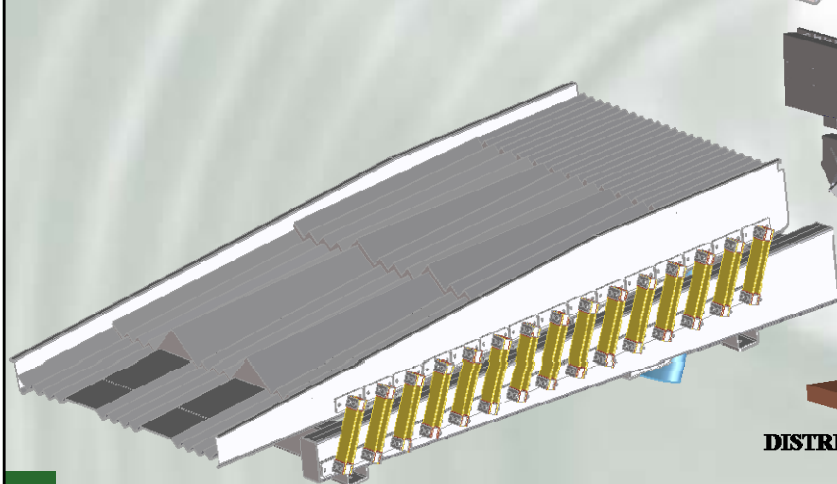
RANGE OF SHAKERS



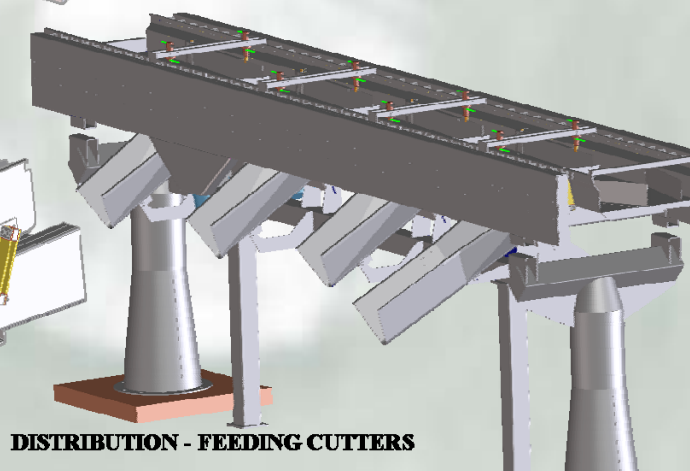
INFEED - ALIGNING



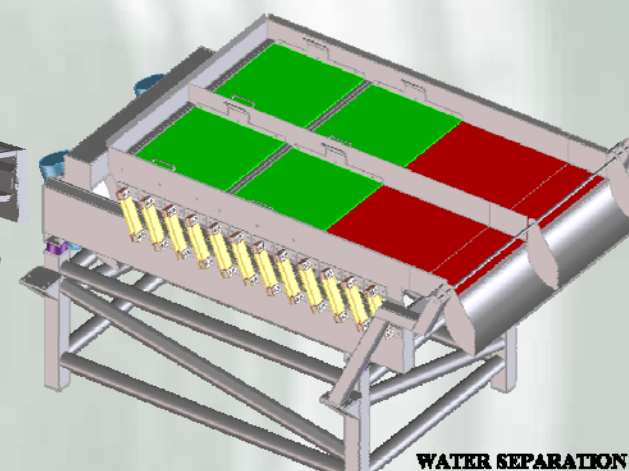
TRANSPORT



ALIGNING CARROTS



DISTRIBUTION - FEEDING CUTTERS



WATER SEPARATION



LOGISTICS

Big Bag Tipper





LOGISTICS

BOX TIPPER





PACKING LINE

BOX TIPPER

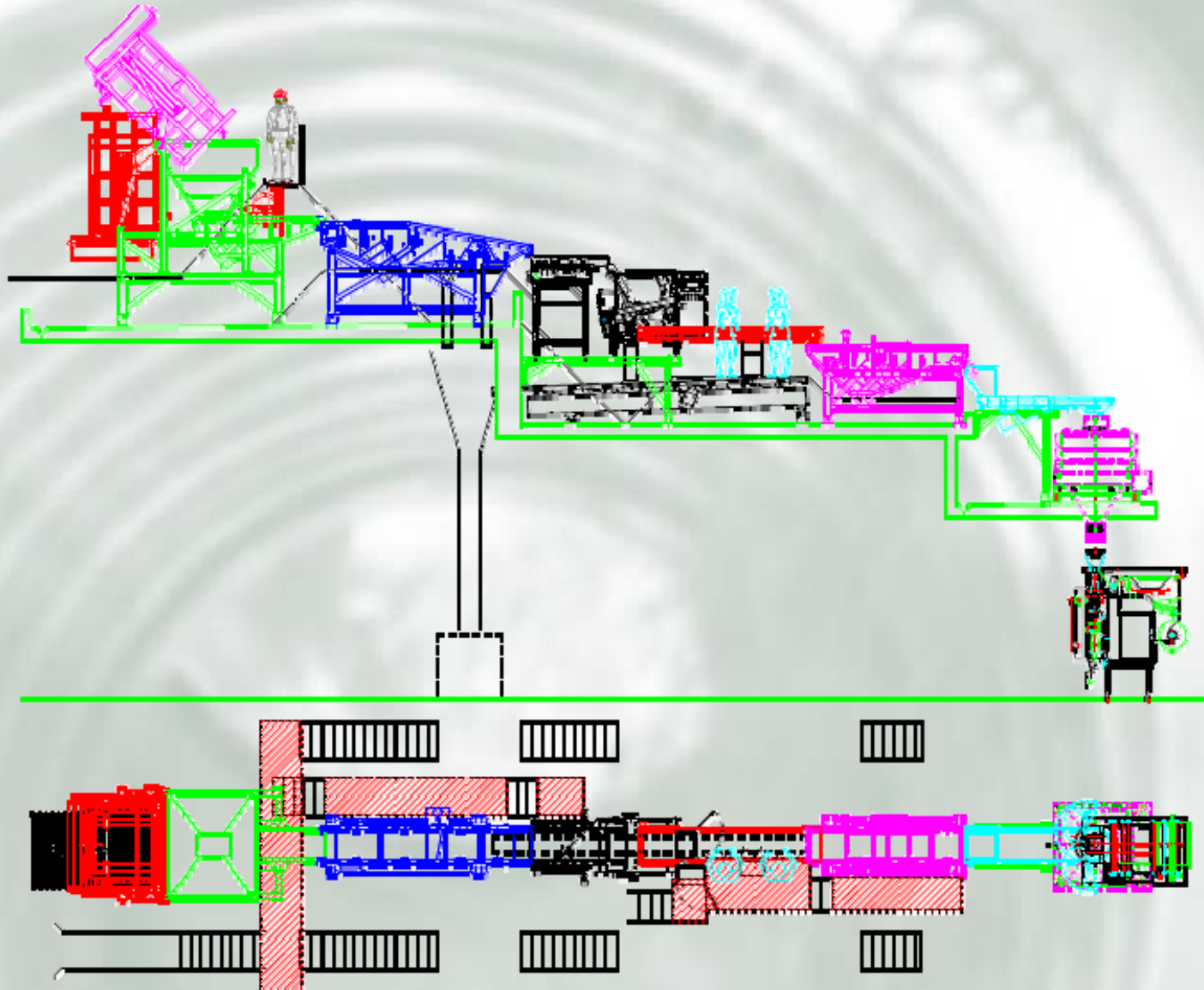


DOSING SHAKER





PACKING LINE





CUBIC MIXER



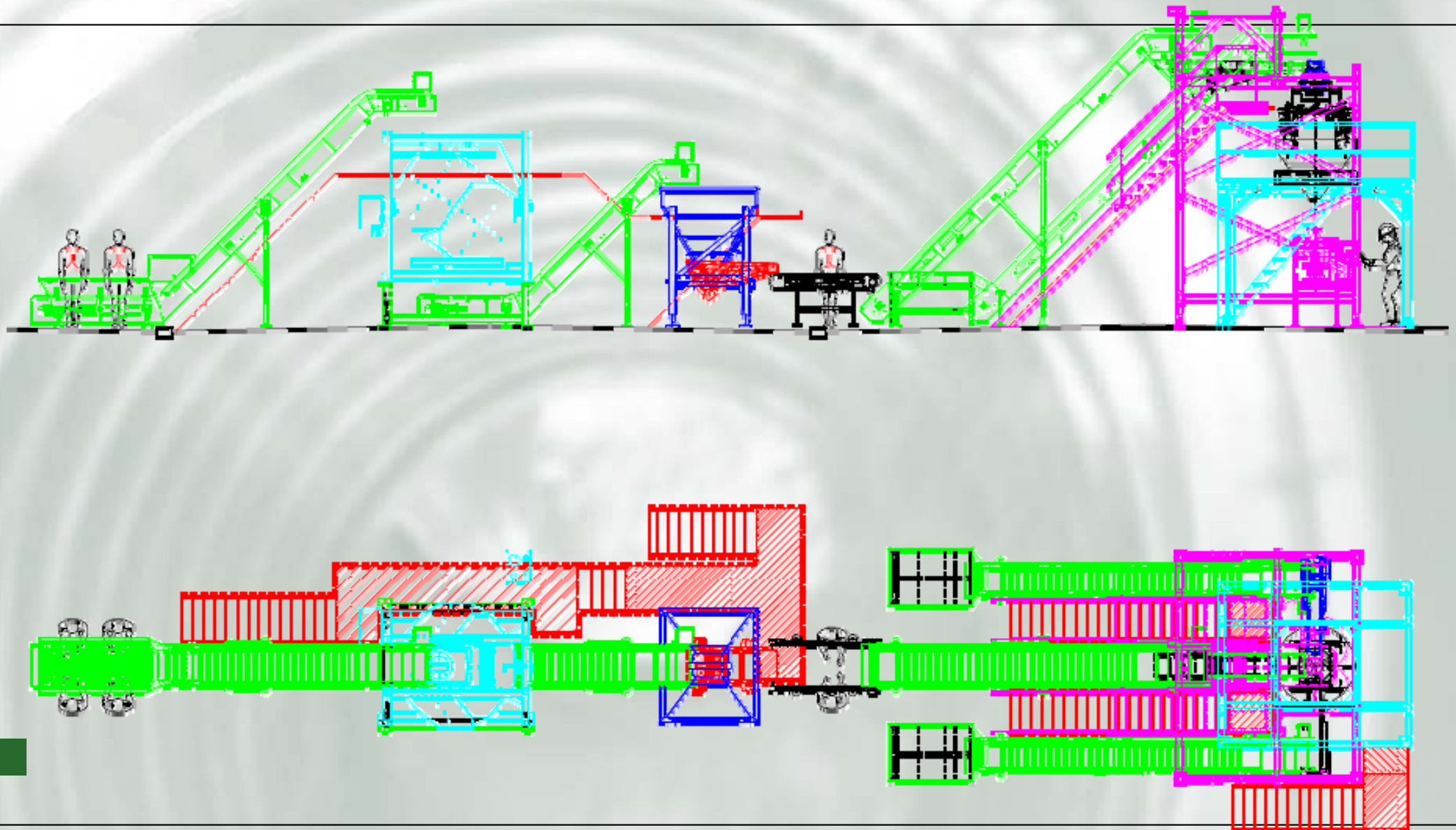


MIXING LINE



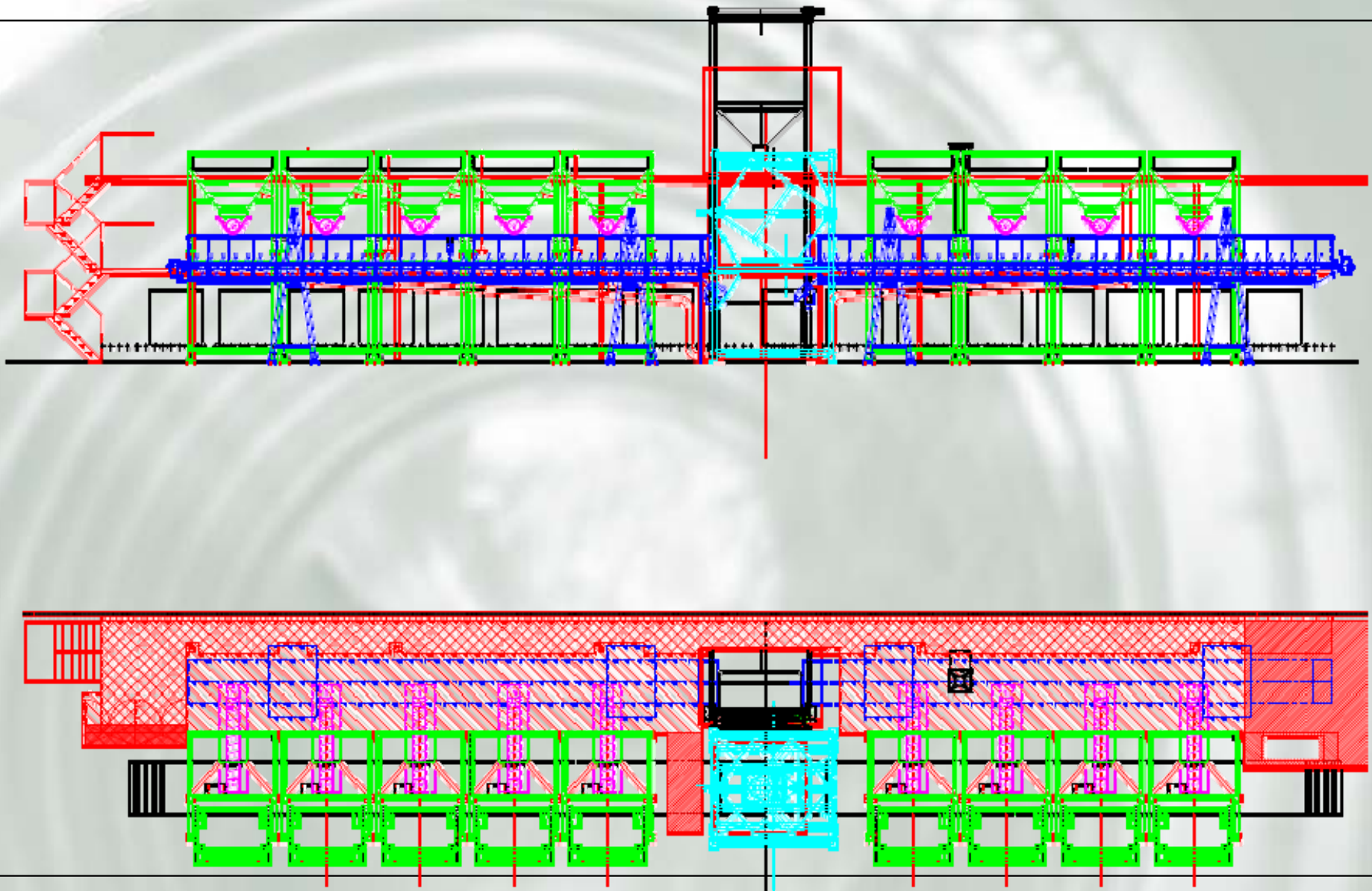


MIXING LINE



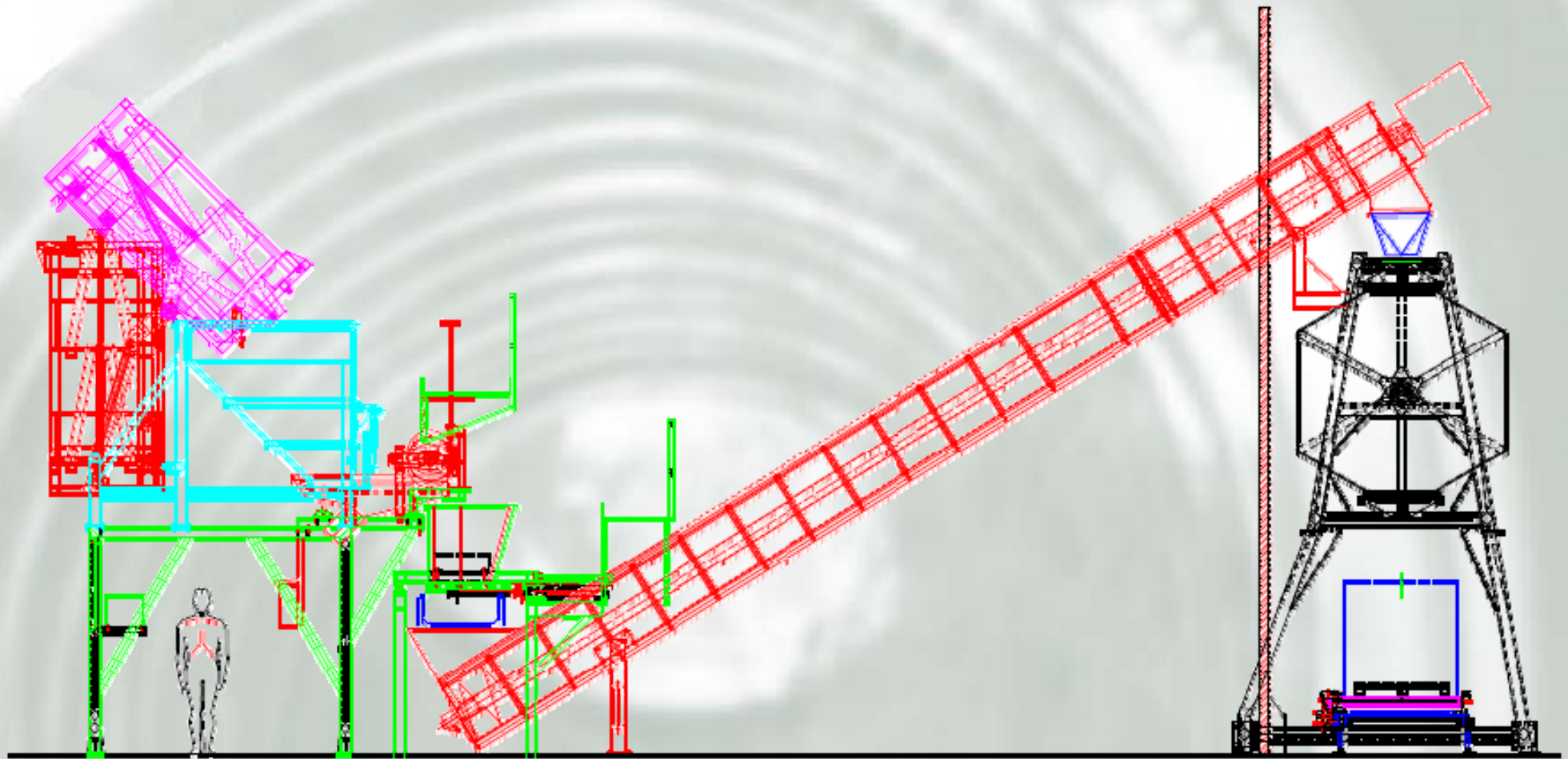


MIXING LINE





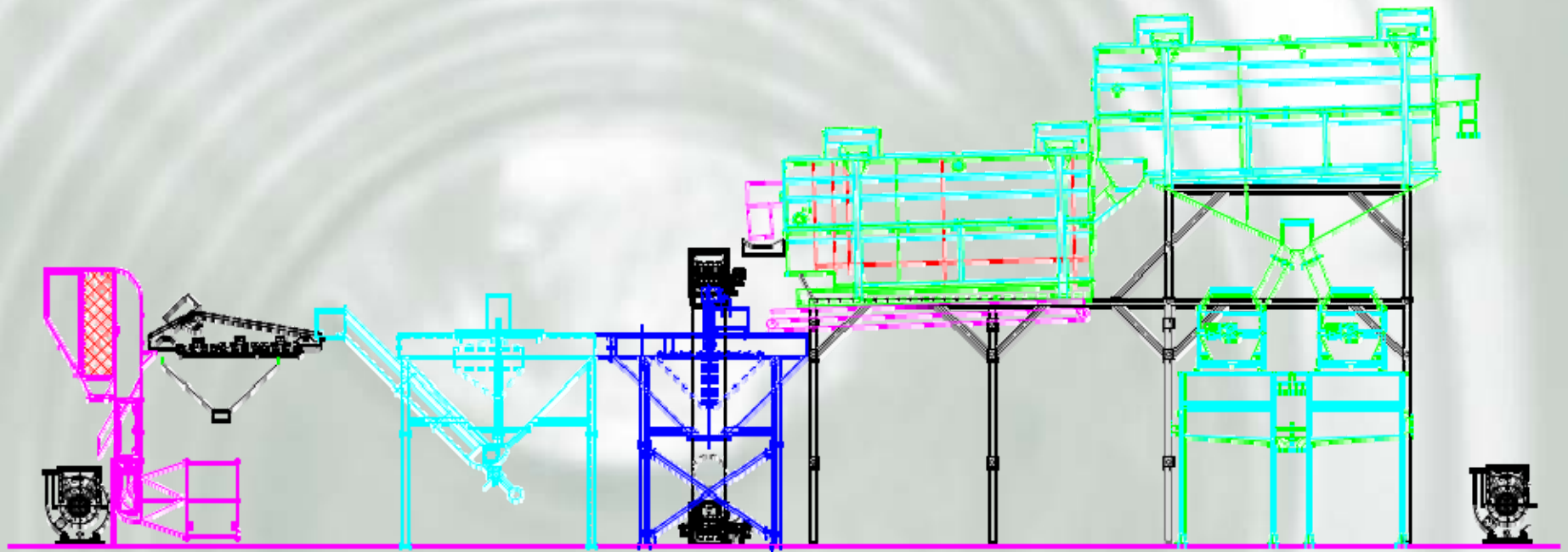
MIXING LINE





PROCESSING PEAS

COMPLETE PROCESSING LINES FOR PEAS

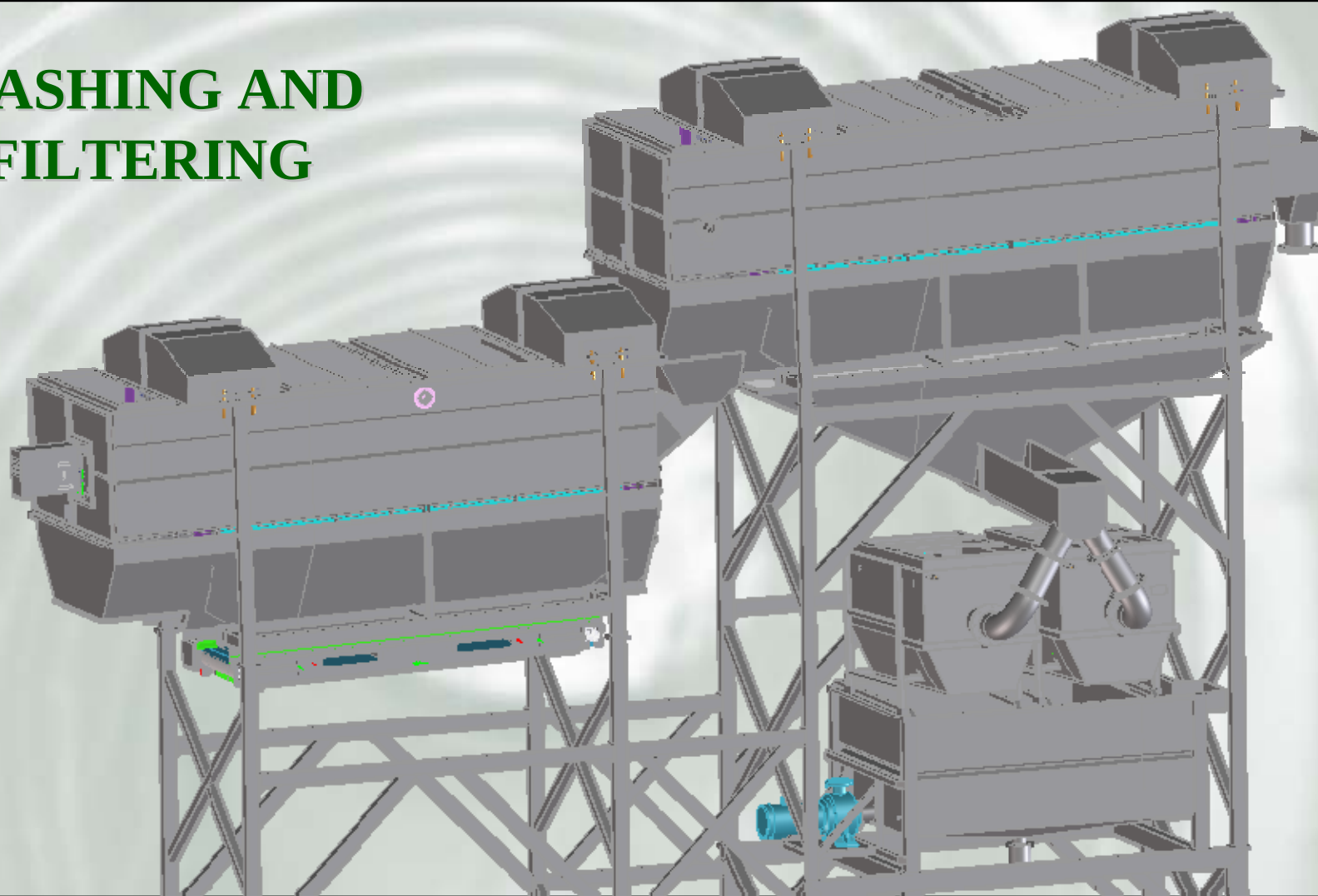




PROCESSING PEAS

COMPLETE PROCESSING LINES FOR PEAS

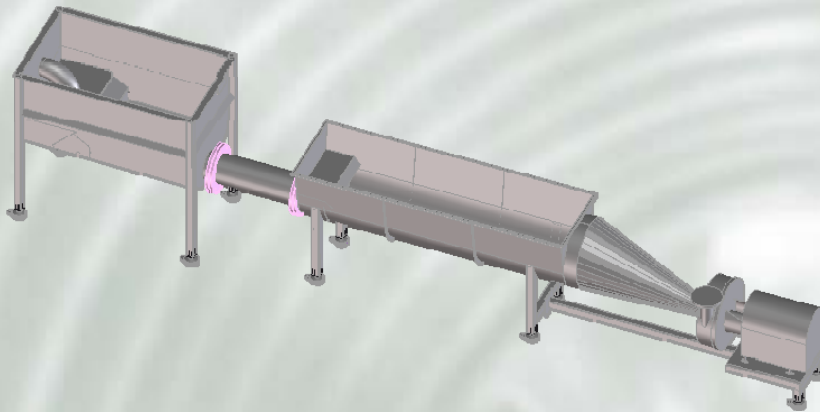
WASHING AND FILTERING





PROCESSING PEAS

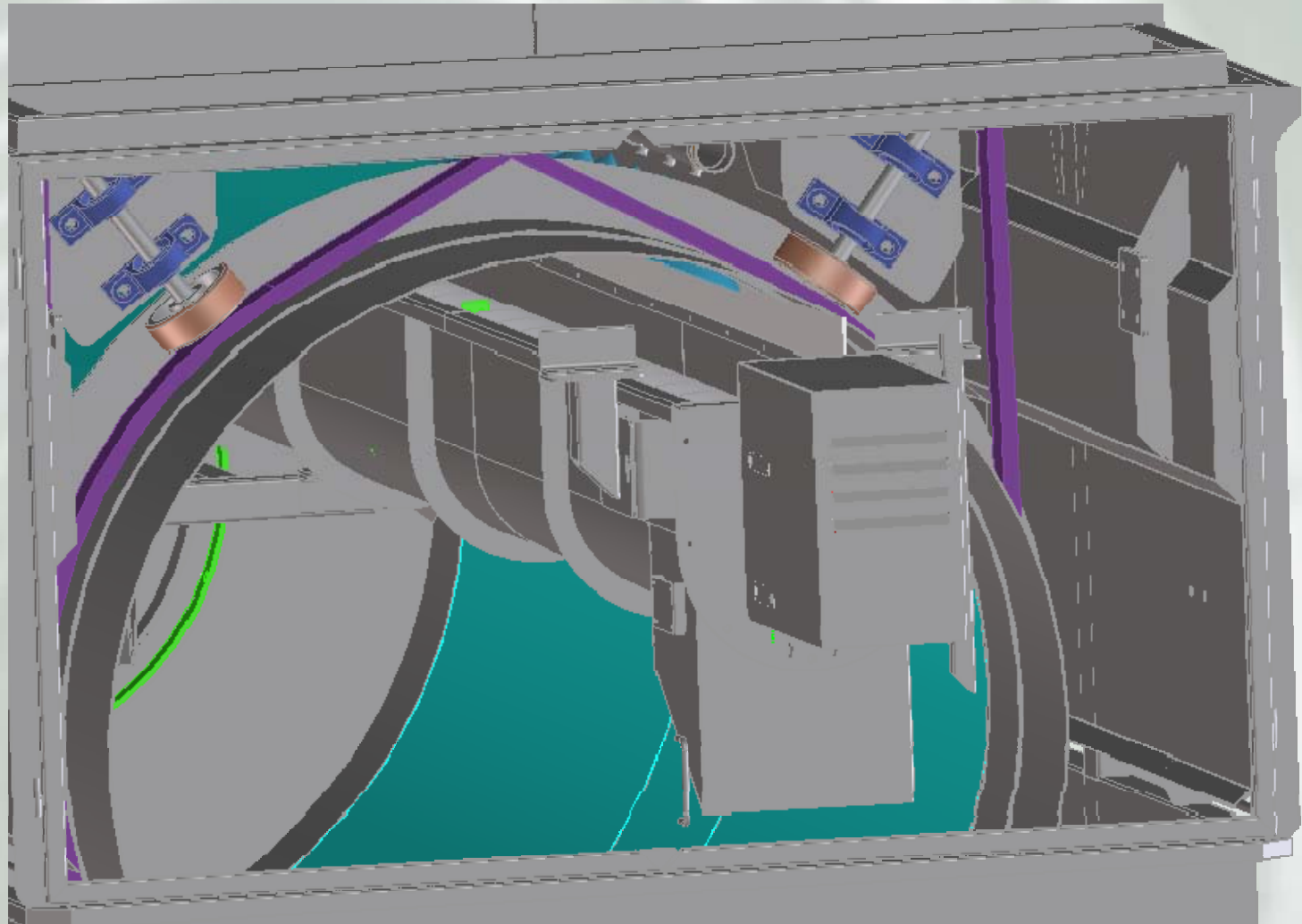
RECEPTIONPIT AND HYDRAULIC TRANSFER





PROCESSING PEAS

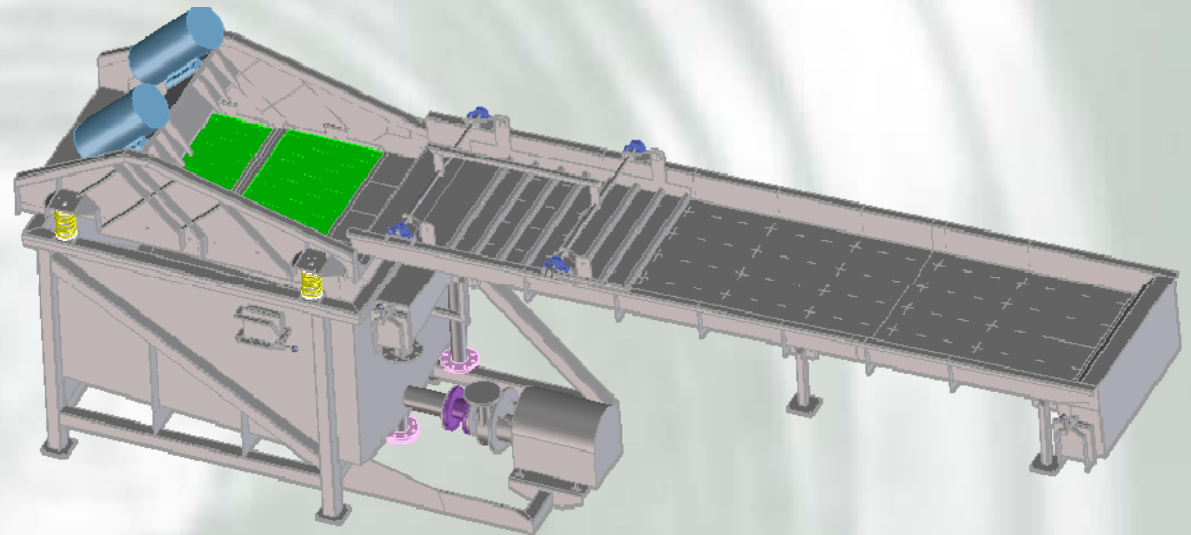
ROTATING DRUM FOR POD- AND LEAFSEPARATION





PROCESSING PEAS

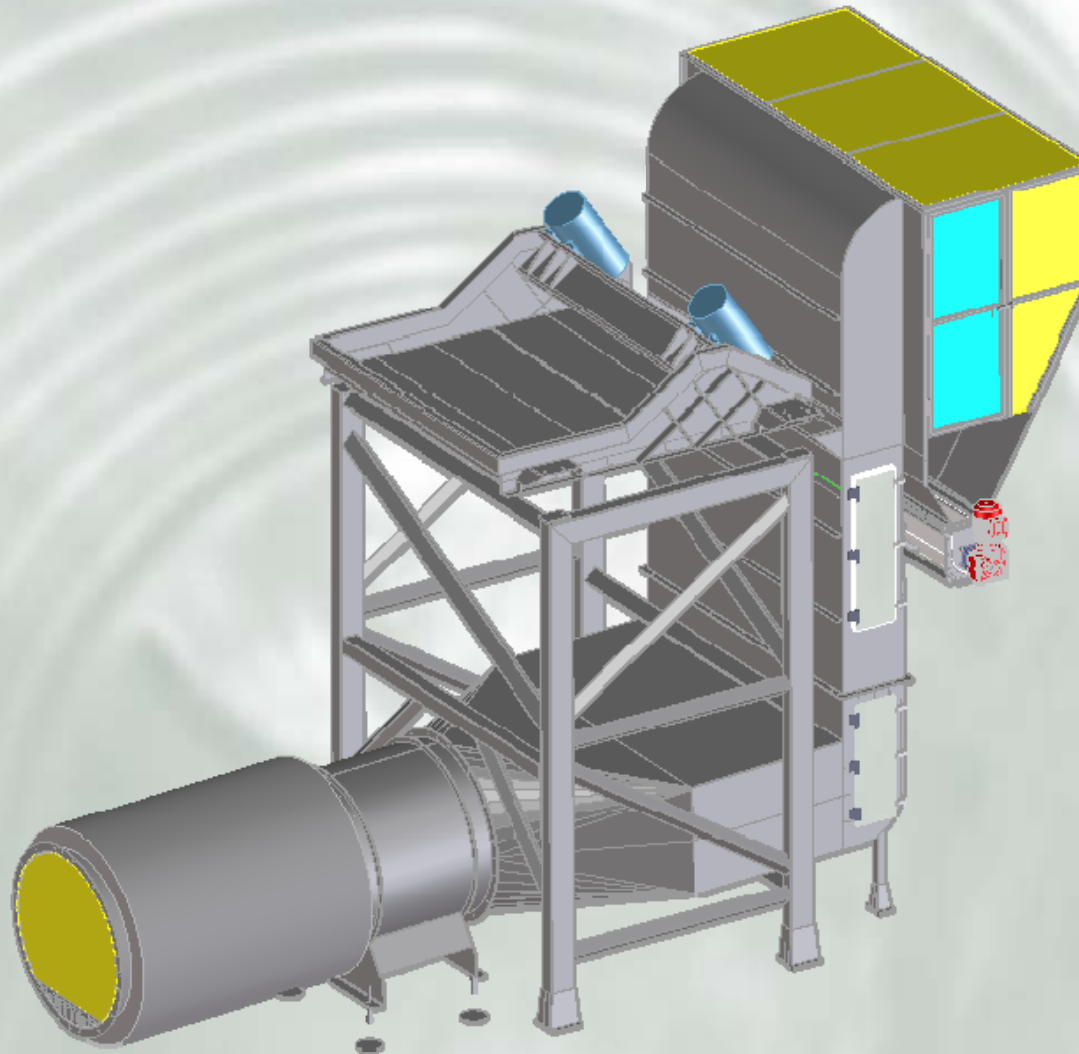
FLUME DESTONING SYSTEMS





PROCESSING PEAS

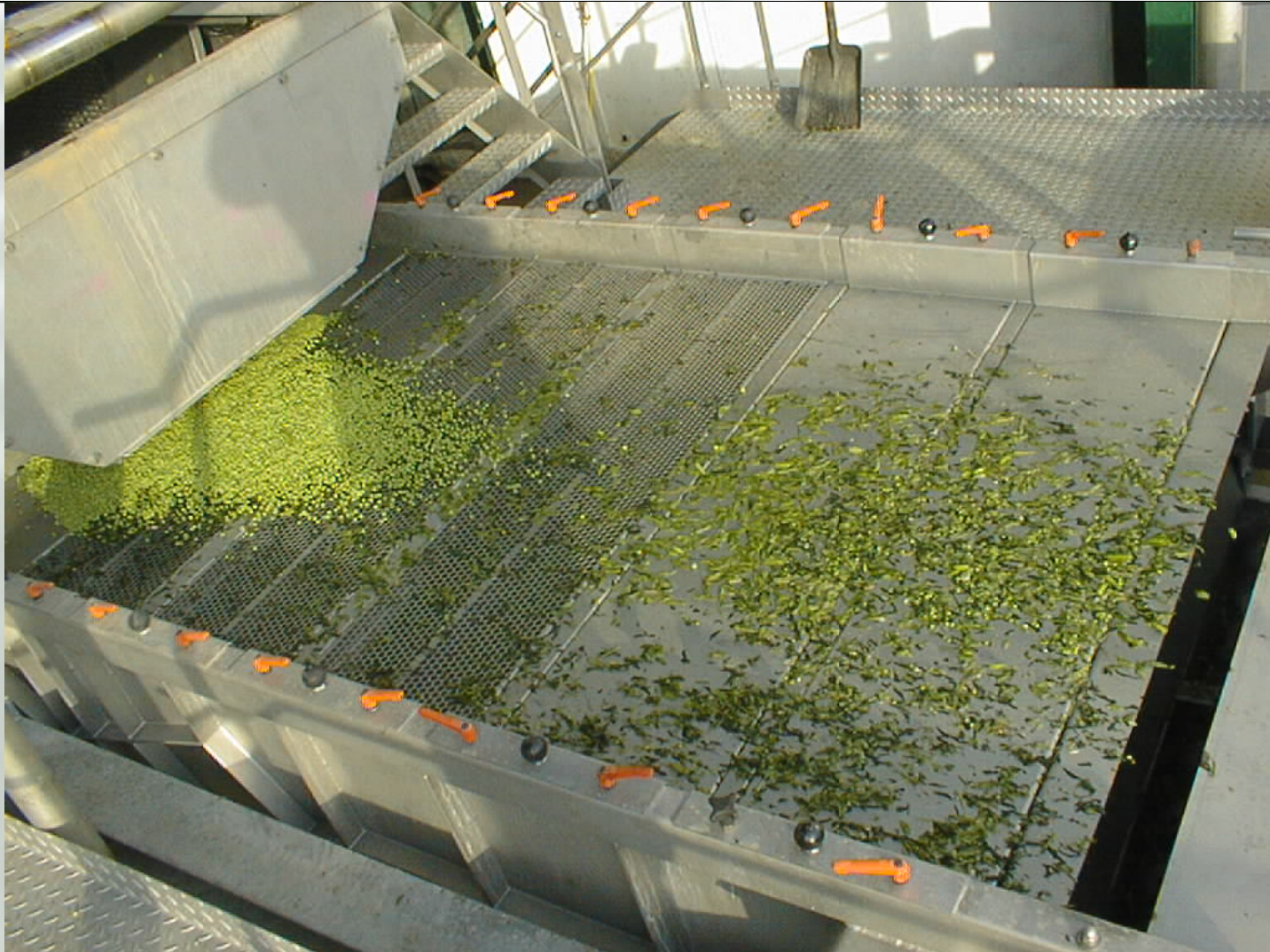
AIRCLEANING





PROCESSING PEAS

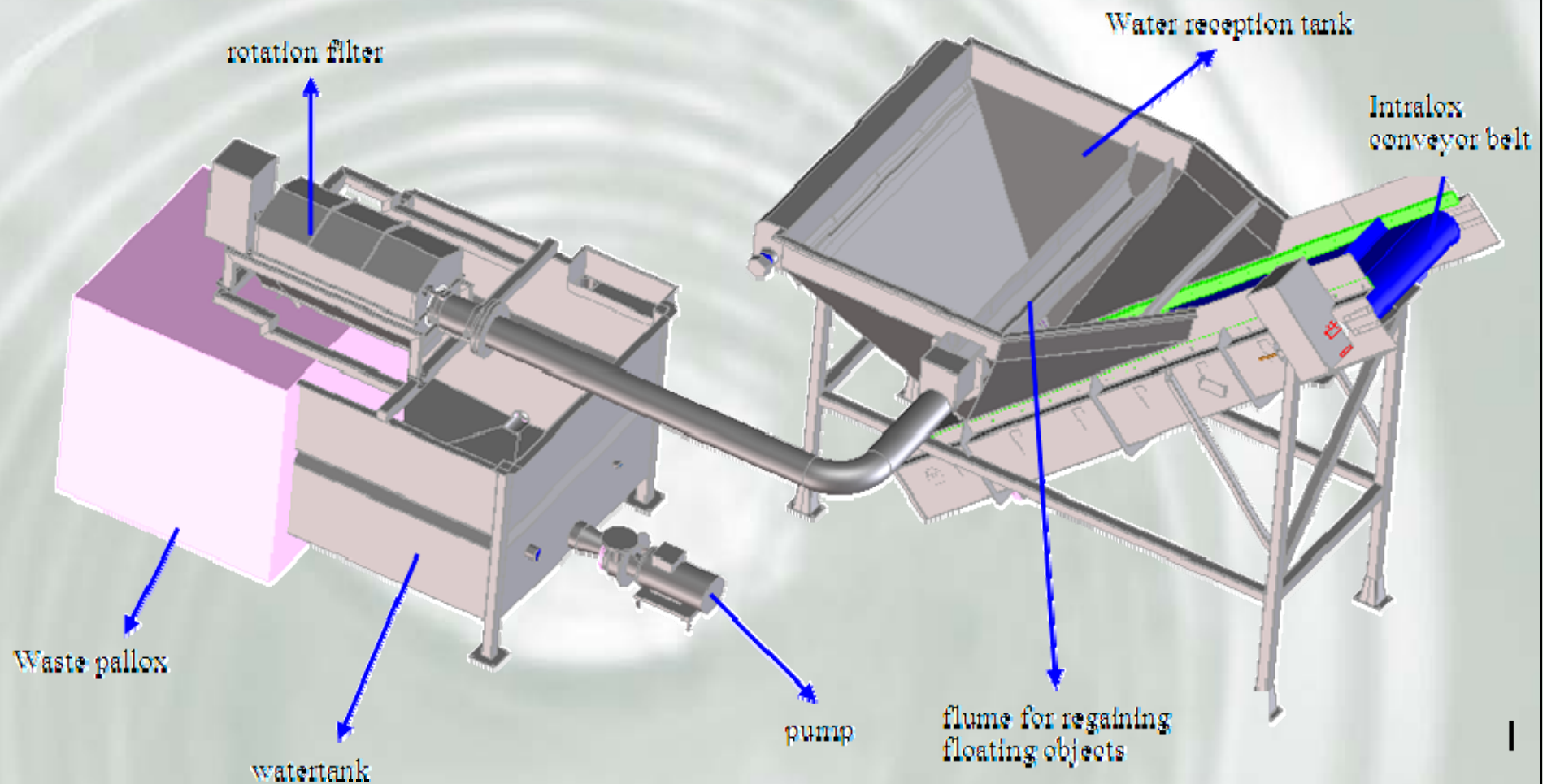
PODSEPARATION BY SHAKER





PROCESSING PEAS

SEPARATION FLOATING PARTS





GREEN BEANS & PEAS

Reception and Storage





GREEN BEANS & PEAS

Destoning





GREEN BEANS & PEAS

Destoning Flume (Peas)





GREEN BEANS & PEAS

Washer submersion



Rotative Washer





GREEN BEANS & PEAS

Washer and Shaker





SPINACH, BEANS & PEAS

Air Separation of light foreign objects





GREEN BEANS & PEAS

Decluster Vibrator

- Separates the big sticks and big clusters to protect machines further
- Possible position in the line : reception or after washing





GREEN BEANS & PEAS

Dividing Vibrator





GREEN BEANS & PEAS

Decluster – Snibber Drum





GREEN BEANS & PEAS

Unsnibbed Bean Remover





GREEN BEANS & PEAS

Length Sorting Vibrator





SPINACH PROCESSING

AEROSEPERATOR FOR SPINACH





SPINACH PROCESSING

Washers (Insect Drum Optional)





BLANCHING

BELT BLANCHER

- low energy consumption (water, steam)
- improved process capability
- patented non-blocking spraying system





BLANCHING

BELT BLANCHER





BLANCHING

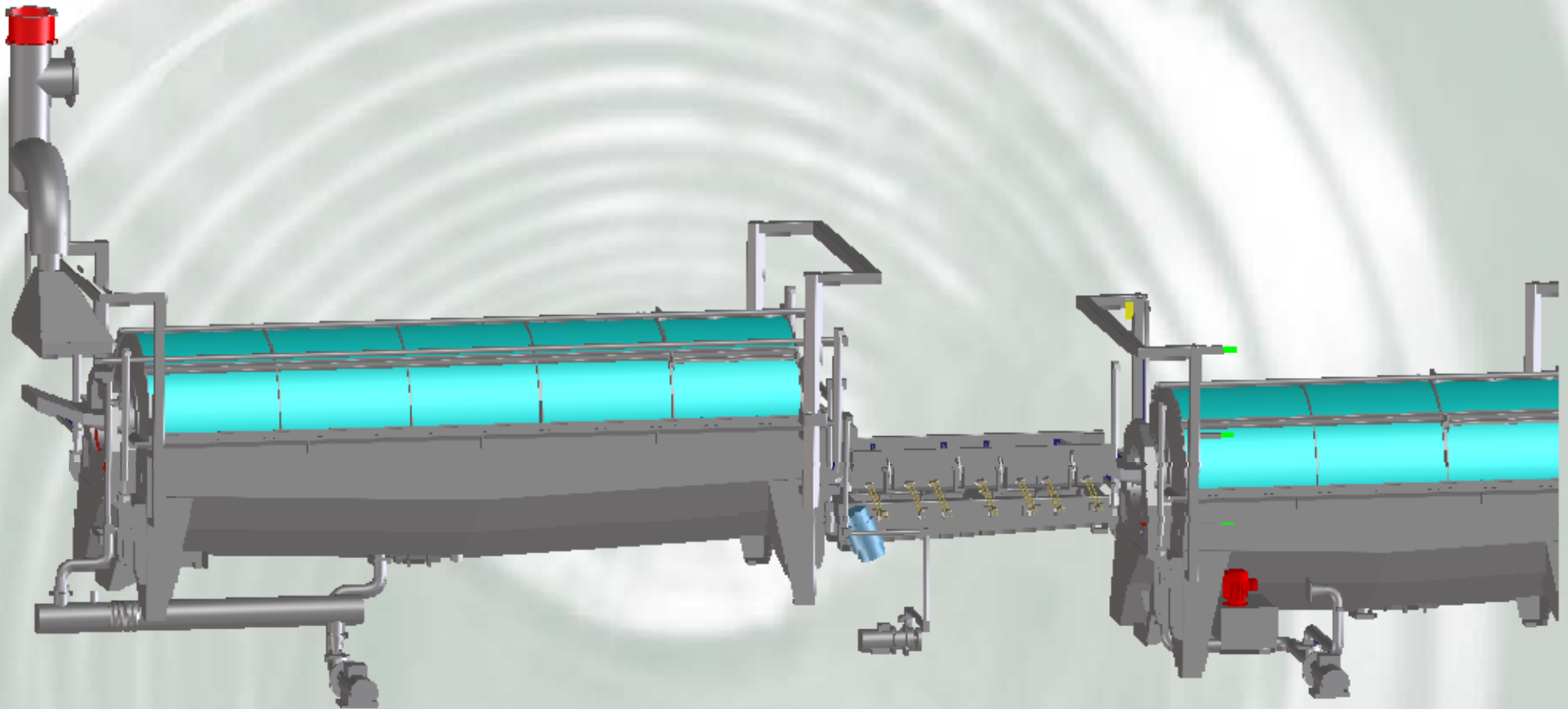
FULL IMMERSION COOKER





BLANCHING

DRUM BLANCHER AND COOLER





BLANCHING





CONTROL SYSTEMS

From Simple till SCADA

