ANYLOAD

CNV100 Conveyor Belt Scale

Application Questionnaire

Please complete as much as you can so we can confirm the CNV100 fits and quote the correct configuration for your needs.

* Required field

01. General Information

Company *

Site location *

Contact Name *

Phone *

Email *

Project name / Reference

Quantity of scales

Required delivery date

Type of project

◯ New Installation ◯ Replacement ◯ Upgrade

02. Application

Purpose of the scale

☐ Throughput monitoring ☐ Inventory ☐ Control ☐ Load-out ☐ Batching ☐ Blending ☐ Other

Legal-for-trade required? *

◯ Yes ◯ No ◯ Not sure

Required accuracy: Select

Idler configuration: Single idler

03. Material

Material being measured *

Max. lump size - length: in

Max. lump size - diameter: in

Bulk density - min.

Bulk density - typical

Bulk density - max.

Density unit: lb/ft3

Material characteristics

☐ Abrasive ☐ Corrosive ☐ Wet ☐ Sticky / builds up on belt

04. Conveyor Details

Belt material: Select

Belt material - other

Belt condition: Select

Belt speed *: ft/min

Belt speed type: Select

Belt size - width *: in

Belt size - thickness: in

Belt length: ft

Belt splice type: Select

Est. flow rate - average: Select

Est. flow rate - max. *: Select

Idler spacing: in

Idler roll diameter: in

Belt profile: Select

Incline at scale location (deg.) *

Conveyor type *: Select

Trough angle (if troughed): Select

Trough angle - other

05. Installation Site

Environmental exposure
☐ Salt ☐ Fertilizer ☐ Organics (Agrifood) ☐ Lightning / Transients ☐ Arctic ☐ Desert ☐ Seaside (< 6 miles)

Site conditions
☐ Dusty ☐ Washdown / Wet ☐ Corrosive atmosphere ☐ Hazardous area classified ☐ Nearby vibration

☐ Other (Specify) _____

Temp. (min.) _____ Temp. (max.) _____ Temp. unit C

Belt tracking issues?
◯ Yes ◯ No ◯ Not sure

Straight, level section available?
◯ Yes ◯ No ◯ Not sure

Infeed location to scale _____ ft

Nearby equipment that may affect readings
☐ Skirts ☐ Plows / Scrapers ☐ Belt cleaners ☐ Takeup ☐ None

06. Electrical and Communications

Power Supply: Select

Cable run, scale to integrator _____ ft

Communication Protocol: Select

Integrator: Select

Outputs
☐ 4-20mA ☐ Relay ☐ Pulse totalizer ☐ Serial / Ethernet ☐ Other

Enclosure
☐ Panel mount ☐ Weatherproof box encl.

Speed signal
◯ SPD100 speed sensor required ◯ Existing speed signal ◯ Not sure

07. Additional Information

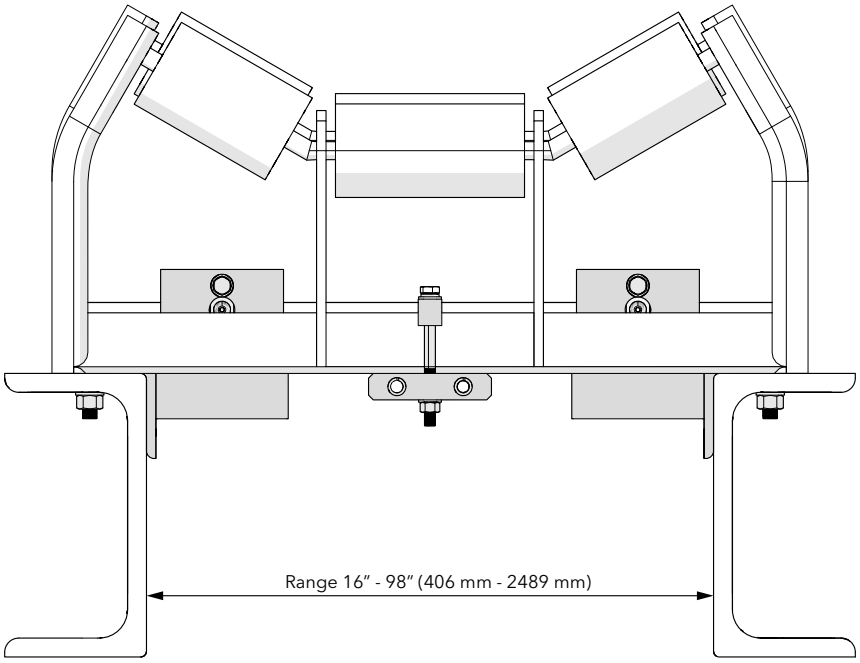
Current scale make / model (if applicable) _____

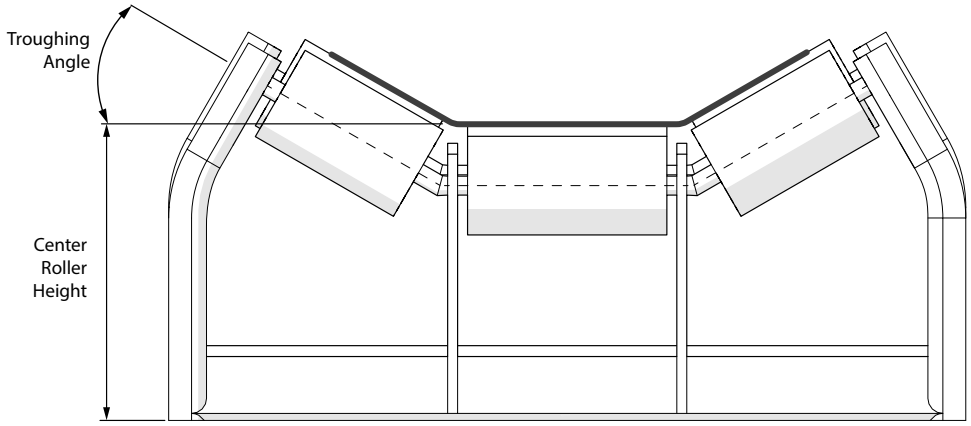
Reason for replacement _____

Services needed
☐ Installation ☐ Commissioning / Calibration ☐ Training ☐ Service agreement / Spares

Photos of the conveyor and scale location available?
◯ Yes ◯ No ◯ Will send later

Comments or special requirements


Range 16” - 98” (406 mm - 2489 mm)


Troughing
Angle
Center
Roller
Height