

Checklist for continuous weighing

to acquire key data to prepare a customer-specific quotation

Project		
Company		
Street		
Post code		
Location		
Contact		
Telephone		Email
Soehnle Customer Support		Date

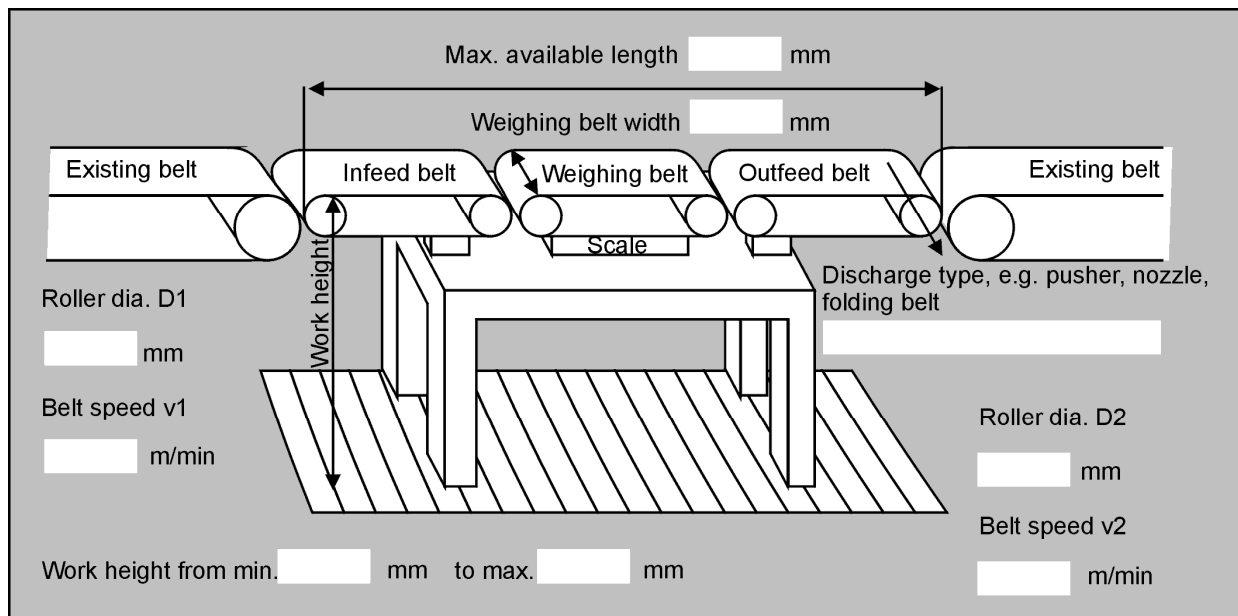
1. Information on weighing products

Weighing product	Smallest weighing product	Largest weighing product
Type of weighing product (box, open workpiece etc.)		
Properties (liquid, base uneven, etc.)		
Gross weight	g	g
Net weight	g	g
Desired accuracy	+/-g	+/-g
Length in running direction	mm	mm
Width	mm	mm
Height	mm	mm
Distance of weighing product (front edge to front edge)	mm	mm
No. of weighings per minute	pcs./min	pcs./min
Belt speed Infeed belt	m/min	m/min
Belt speed Outfeed belt	m/min	m/min
Different products?	<input type="checkbox"/> yes <input type="checkbox"/> no	
Number of variants	variants	

2. General requirements

- Is the weighing subject to compulsory calibration? yes no
- Is the weighing operation
- fully automatic?
 - monitored by personnel?
- Aim of scale application
- weight determination
 - check for completeness, OK/NOK check
 - monitoring filling compliance to finished packaging regulations (FPV)
 - classification according to weight limits
 - interfacing to a process controller (e.g. SPC, merchandise information system)
 - processing of data via interface (transfer)
 - Miscellaneous
-
- Separation of weighing products
- ensured by customer
 - to be ensured by weighing system
- Required scope of supply?
- weighing system
 - infeed and outfeed belts
 - volumetric measurement
 - identification by barcode
 - controller
 - I/O port
 - in what scope?
-
- integration
 - separation
 - accessories (e.g. printer, remote display etc.)
-

3. Layout



4. Display electronics

Weight display required on scale itself yes no

Required I/O port digital interface (RS 232, RS 422, RS 485)
 bus interface Profibus DP
 other: _____

analog interface

Power supply 230 VAC available 400 VAC available

other: _____

5. Controller

Is the continuous scale to be integrated in an existing system? yes no

If yes, software technical support is by: _____

Should the conveyor belt start or stop automatically in conjunction with other devices? yes no

Does a function description exist? yes no
If yes, please enclose

Is a controller already in use? yes no

If yes, specify make and type of SPC: _____

Task of SPC: _____

Can it be used to activate the scale conveyor belt? yes no

Can the customer carry out the integration himself? yes no

How are the weighing products separated by the weighing system
 operator
 automatically

Do goods have to be stopped automatically for measurement in special cases (oversize)? yes no

Is an external operating unit required? yes no

6. Ambient conditions

Temperature min: _____ max: _____

Wet area yes no

Required protection class IP: _____

Chemicals yes: _____ no

Foodstuffs yes: _____ no

Pharmaceuticals yes: _____ no

Vibrations	<input type="checkbox"/> yes	<input type="checkbox"/> no
Draught	<input type="checkbox"/> yes	<input type="checkbox"/> no
Electrostatic charging	<input type="checkbox"/> yes	<input type="checkbox"/> no
Assembly	<input type="checkbox"/> yes	<input type="checkbox"/> no
Concrete floor	<input type="checkbox"/> yes	<input type="checkbox"/> no
Steel carrier construction	<input type="checkbox"/> yes	<input type="checkbox"/> no
Horizontal support in working height possible	<input type="checkbox"/> yes	<input type="checkbox"/> no

Explosion-hazardous area yes no

Zone _____

Category _____

7. Other requirements

Separation using compressed air yes no

Miscellaneous

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