

Manual

Conveyor INOX60



Projectnumber : XXXX

Content:

1.	Description	3
2.	Utilisation.....	4
3.	Installation and electrical connection	4
4.	Maintenance and repair	5
5.	Certificates	6

1. Description

The Conveyor name consists as follows:

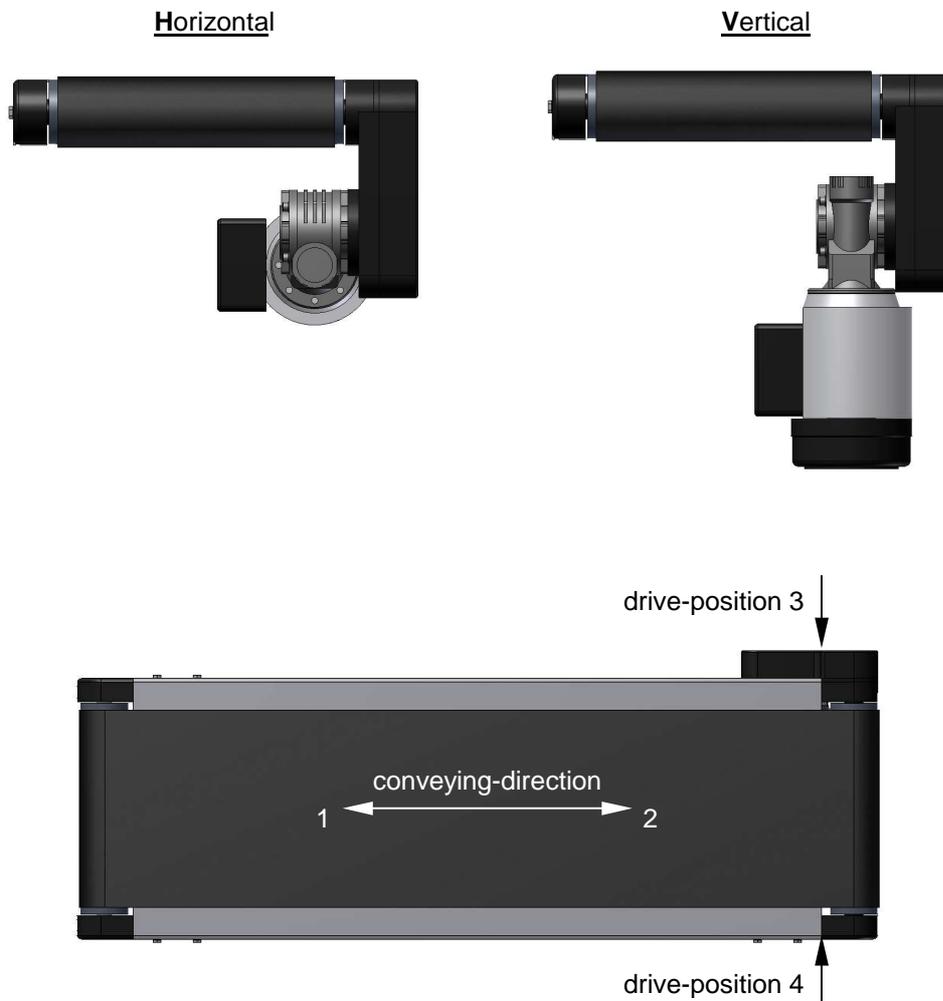
Conveyor- Code : INOX60.XXX. XXXX .60.60. ≈XX.X.X.X

1. Code- Block =	head-drive / profile	INOX	60 mm
2. Code- Block =	chase-wide	B =	mm
(standard-wide)	belt-wide	b =	mm
3 Code- Block =	chase-length	L =	mm
4 Code- Block =	drive-roll Ø	D ₁ =	60 mm
5 Code- Block =	tensioning-roll Ø	D ₂ =	60 mm
6 Code- Block =	velocity	V =	≈ m/min. (bei 50 Hz)
7 Code- Block =	conveying-direction	Code:	
8 Code- Block =	driver-side	Code:	
9 Code- Block =	drive-position	Code:	

Comment :

Engine situation / indirect impulse about chain drive or dental belt drive.
With the indirect impulse the gear engine is able, according to place relations, as follows in two different positions:

- H **Horizontal**, the engine is mounted horizontal under the conveyor
V **Vertical**, the engine is mounted vertical under the conveyor



2. Utilisation

The conveyor INOX60 is designed for the transportation of products. The allowed weight of the transporting products varies depending on the conveyor width, conveyor length and conveyor speed.

At best, the allowed load must be clarified with the manufacturer.

Optionally the conveyor can be equipped with feet and other special accessories. If needed, please contact the manufacturer

3. Installation and electrical connection

Installation

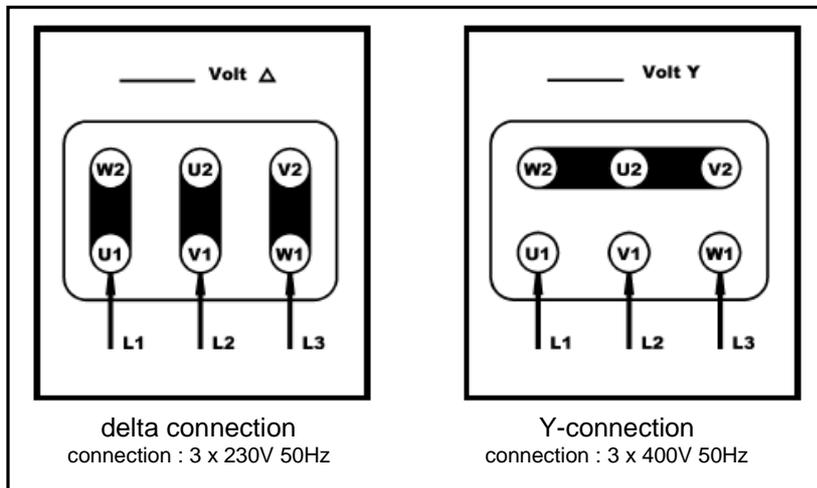
The conveyor must be positioned, so that the transport belt can never touch a fixed part.

It must be taken to ensure that personal safety is guaranteed. (danger of becoming trapped between the belt and fixed parts)

Electrical connection of Mabatec - standard conveyors with AC motor

Important: For all work on the electrical equipment, the network connections must be removed!

Depending on supply voltage, the bridges must be arranged at the terminals shown in illustration below.



4. Maintenance and repair

BELT CHANGE, BELT TIGHTENING, and BELT ADJUSTMENT

Warning : do not reach into the running machine !

1. BELT CHANGE

1. Slacken belt with screws „L“ and „M“. Completely remove screw „L“
2. Slacken screw „A₁“ und „B₁“ in the left headpart and remove the screws completely.
3. Remove the aluminum part out of the headpart.
4. Push the tensioning-roll on the chaseside and remove it out of the headpart.
Remove the tensioning-roll completely out of the belt.
5. Slacken screw „B₂“ and remove the right headpart.
6. Remove old belt by pulling it on one side over the assembled driving roll.
7. Put on new belt by pulling it over the assembled driving roll.
8. Assemble the remote headpart and tighten screw „B₂“.
9. Put the tensioning-roll again into the headpart. Put the aluminium part (Point 3.) again into the headpart and tighten screws „A₁“and „B₁“.
Tighten the screws „L“ and „M“ into the thread of the tensioning shaft.
(Belt Adjustment see below)

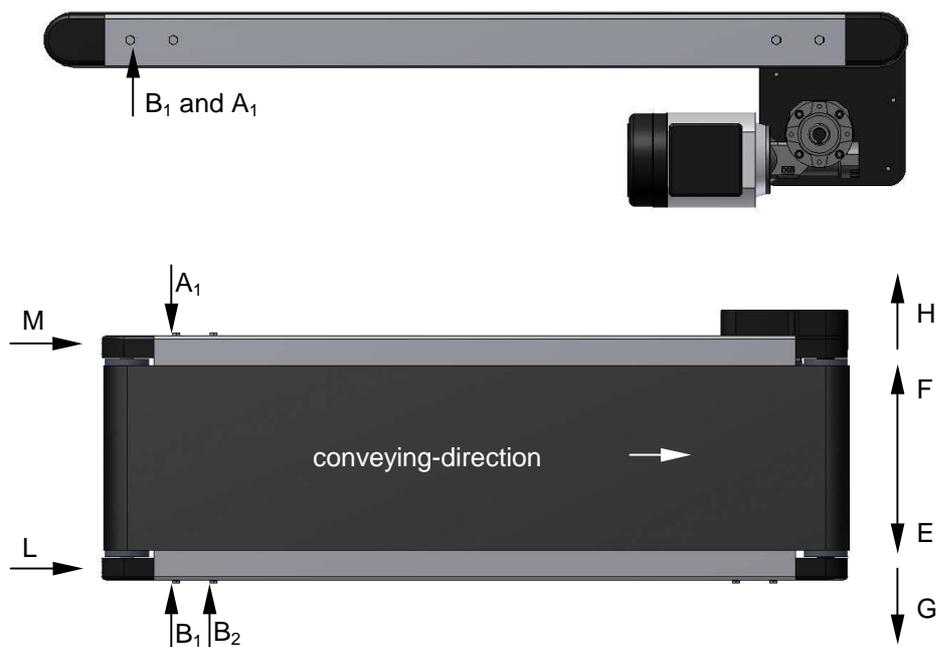
2. BELT TIGHTENING

1. Position the belt manual in center of the drive- and tensioning-roll.
2. Establish belt tension by tightening screws „L“ and „M“, centering the belt on all rollers.

3. BELT ADJUSTMENT

1. For safe belt operation make sure that the direction of conveyance is direction 2
2. If the belt is running in direction „G“, screw „L“ must be rotated slowly in a clockwise direction
3. If the belt is running in direction „H“, screw „M“ must be rotated slowly in a clockwise direction

The belt should be inspected regularly and adjusted if necessary.



5. Certificates



Declaration of Conformity

for the
MTS - standard conveyor

MABATEC AG
Rubigenstrasse 150
CH - 3076 Worb

declares as manufacturer in sole responsibility that the
MTS - standard conveyor:

INOX60

matches with the requirements of the directives 98/337/EWG
and the equipment safety law.
In case of a non-coordinated change on the MTS - standard conveyor,
the declaration loses their validity.

MABATEC AG holds as a technical documentation
to examination ready:

Documentation of the development and instructions,
corresponding the rules for the creation of user information.

The conformity of the MTS - standard conveyor is secured.

MABATEC AG
CEO

Ruch Christian

CH - 3076 Worb, 2. February 2009