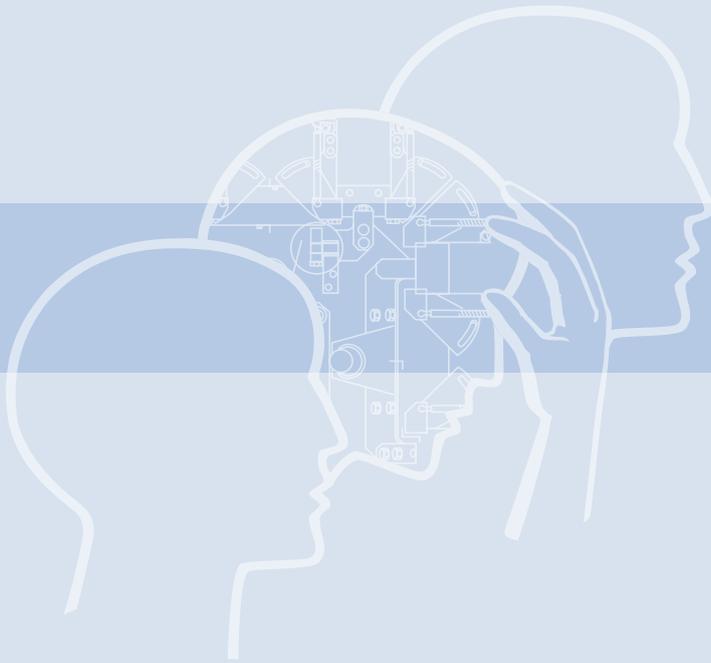


**HH** Harro Höfliger

**[ALL YOU NEED]**



**Accura-C**

**Capsule Weighing  
System**

A member of  
**Excellence United**

Pharma Solid | Accura-C | English |

## Accura-C – the powerful and precise capsule weighing system

Harro Höfliger has gathered more than two decades of well-founded practical knowledge in the weighing of pharmaceutical capsules. Our Accura-C is a machine that meets the demand for very precise results in weighing pharmaceutical products.

The following criteria are crucial when weighing capsules:

- Careful product handling
- Very precise weighing processes
- Full information about the weighing process



**The new quality standard**  
The Accura-C stands for  
precision in all aspects

# Accura-C – the machine for quality assurance in your production



The high-quality configuration of the Accura-C series is characterized by the following technical features:

- Separate weighing cell for compensating ambient vibrations
- Monitoring of weighing process through integrated auto-checks of mechanical and electronic components
- Storing of weighing results by way of auto-taring after a pre-selectable time
- Online analysis of weighing signal with plausibility check
- Statistical evaluations directly at the machine
- Interfaces for data transfer for documentation of weighing process
- Interface to central customer network
- Trend regulation for re-adjustment of upstream capsule filling machine
- Optional empty capsule weighing
- Automatic individual fault clearance
- Format changeovers within a few minutes
- Automatic individual track deactivation
- Ejection of spliced and deformed faulty capsules into a separate container

## **Product handling**

*The processes of the Accura-C are exemplary for careful product handling*

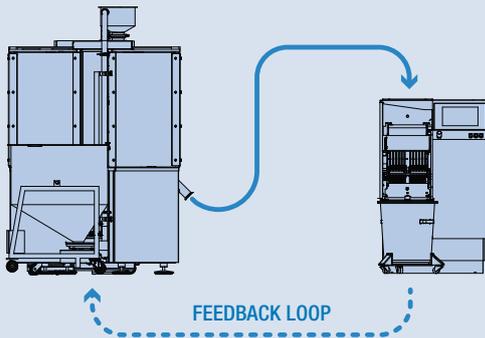


## **Design**

*Clear and neat structures provide for the best process overview*

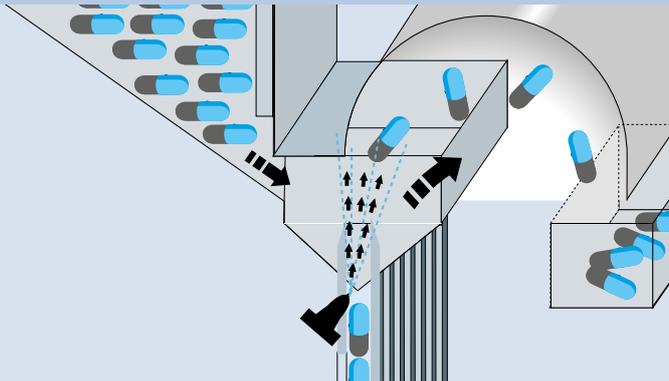


## Line Linkage



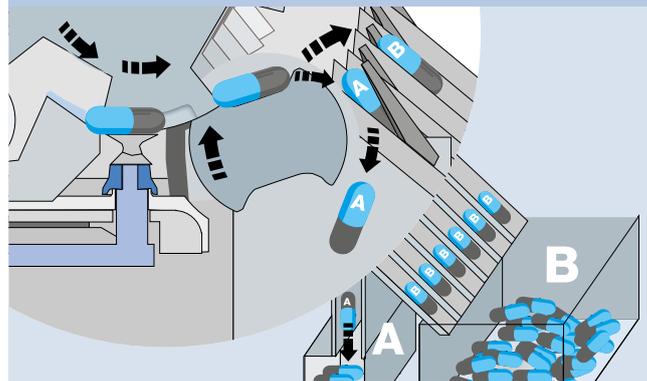
When **linking** the Accura-C in-line with the capsule filling machine Modu-C, a feedback loop provides for the automatic trend regulation of the fill weight

## PRP (Personnel-Reduced Production)



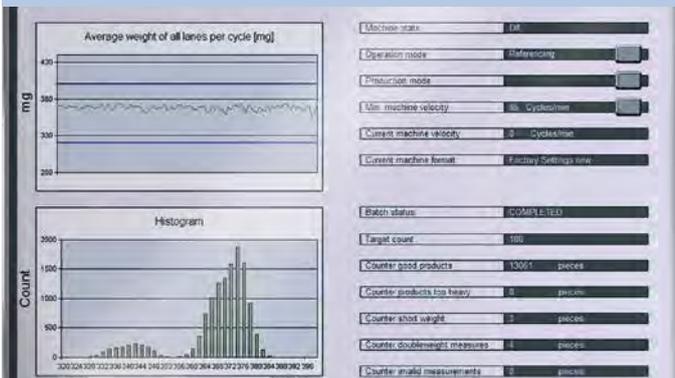
Automatic fault clearing of machine by track cleaning in capsule magazine. Defective capsules are separated into a container.

## Process Reliability



**Process reliability** through 100% capsule guidance from the weighing cell to the ejector flap for good (B) and bad capsules (A). Thus, a mixing of (A) and (B) capsules is avoided.

## Statistical Evaluation



Optimal quality checks due to availability of **statistical production** evaluations

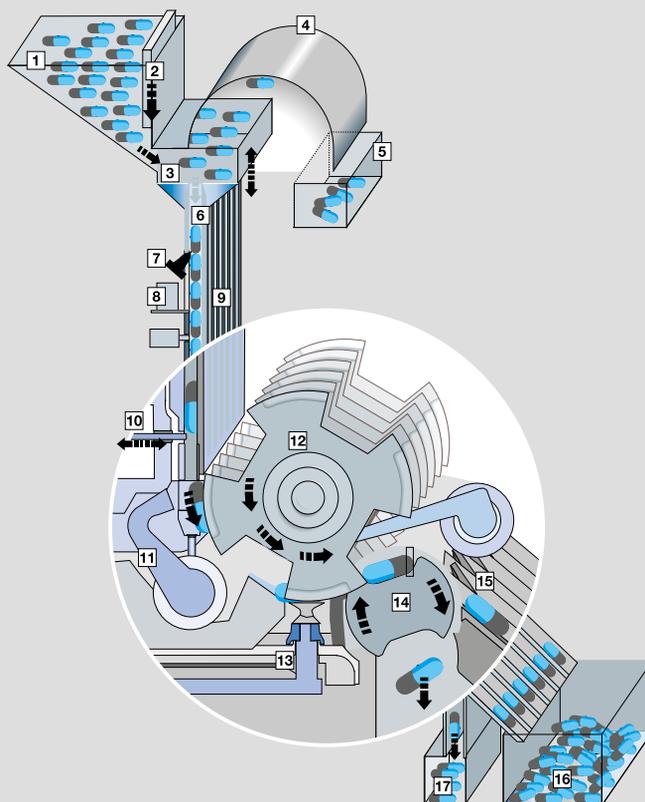
## Cleaning



Best accessibility for machine **cleaning** due to retractable drive shafts

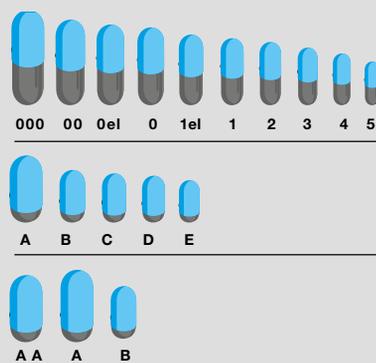
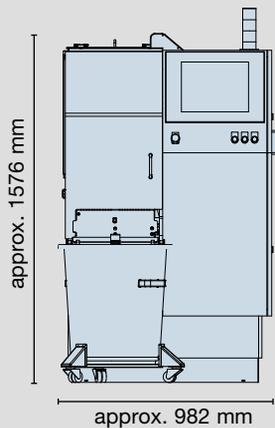
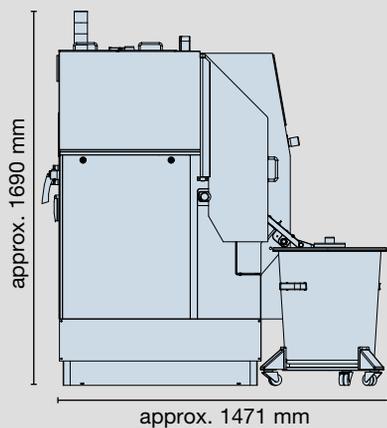
## Process Diagram

- 1 Capsule supply hopper
- 2 Pusher to lock supply hopper
- 3 Movable capsule hopper
- 4 Ejection of defective capsules
- 5 Container for defective capsules
- 6 Calibration rail
- 7 Purging nozzle for defective capsules
- 8 Min. accumulation sensor
- 9 Capsule feed magazine
- 10 Single track blocking
- 11 Capsule transfer into capsule transfer wheel
- 12 Capsule transfer wheel
- 13 Weighing assembly with weigh cells
- 14 Transfer wheel for single ejection of good and bad capsules
- 15 Chute for good capsules
- 16 Good capsule container
- 17 Bad capsule container



## Technical Data:

- Machine types:** **Accura-C 12 tracks**  
for stand-alone use or in non-fixed interlinkage with one upstream capsule filling machine
- Weighing range:** from 0 – 2,000 mg
- Weighing accuracy:** ± 2 mg
- Output:** up to 200,000 capsules/h depending on the machine type
- Electric specifications:** 230/400 V, 50/60 Hz, 3 PH/N/PE\* (\* other voltages optional)
- Power consumption:** max. 1.5 kVA
- Weight:** approx. 500 kg





**Harro Höfliger**  
**Verpackungsmaschinen GmbH**

Helmholtzstrasse 4  
71573 Allmersbach im Tal  
Telephone: +49 (0)7191 / 501-0  
Telefax: +49 (0)7191 / 501-5244

[www.hoeffliger.com](http://www.hoeffliger.com) · [info@hoeffliger.com](mailto:info@hoeffliger.com)

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