

Our proven modular system - your success:

- Multipliable stepping concept based on 65 t cylindro-conical steeps
- Patented germination and kiln vessels for batch sizes up to 400 t
- Full automation: WinCos control system guaranteeing highest degree of automation and process security



Flexible craft malting

Shown examples, details based on:
Working days: 360 d
Steeping time: up to 48 h
Germination time: 96 h
Kilning time: 24 h
Assumed yield: 83%

The **GKV** (Germination-Kiln-Vessel) system based on our worldwide in duty, successful malting system

- Combines germination and kilning for gentle malt handling and best sanitation
- Flexible germination time for production of speciality malts

	GKV 35 t		GKV 65 t	
	Barley (t/a)	Malt (t/a)	Barley (t/a)	Malt (t/a)
1	2.500	2.100	4.700	3.900
2	5.000	4.200	9.400	7.800

1 Cylindro-conical steep (35t/65t)



1 GKV (35t/65t)

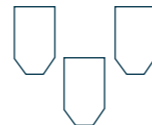


Industrial malting - intermediate scale

Shown examples, details based on:
Working days: 360 d
Steeping time: 24 h
Germination time: 96 h
Kilning time: 24 h
Assumed yield: 83%

Stage 1: 180 t/batch / 2 GV		Stage 2: 180 t/batch / 4 GV	
Barley (t/a)	Malt (t/a)	Barley (t/a)	Malt (t/a)
32.400	26.900	64.800	53.800

3 Cylindro-conical steeps



2/4 Germination vessels



1 Single-floor kiln



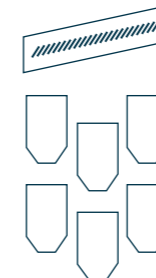
Industrial malting - large scale

Shown examples, details based on:
Working days: 360 d
Steeping time: 24 h
Germination time: 96 h
Kilning time: 24 h
Assumed yield: 83%

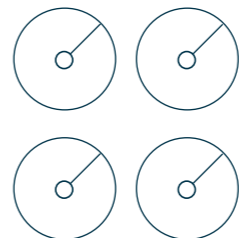
Shown example with batch size 360 t

Barley (t/a)	Malt (t/a)
129.600	107.600

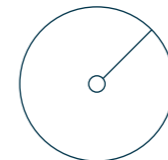
6 Cylindro-conical steeps
1 Washing screw



4 Germination vessels



1 Single-floor kiln



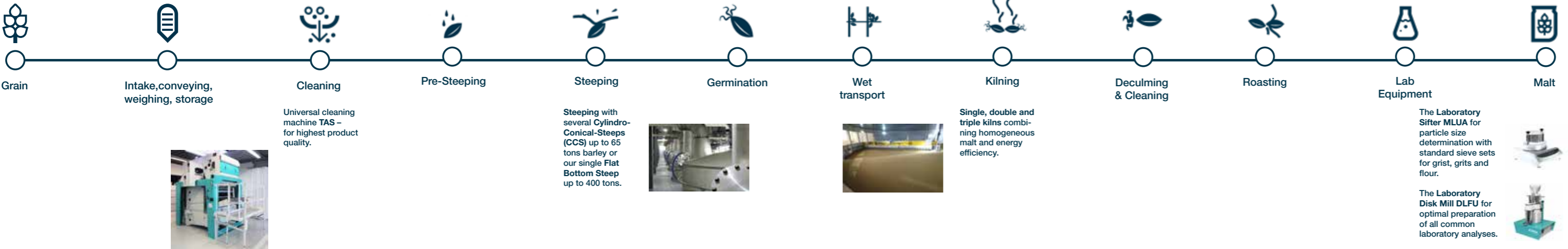
Malting solutions.
Overview.

Innovations for a better world.

BÜHLER

Our solutions for your process:

Malthouse up to 400 tons/batch



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