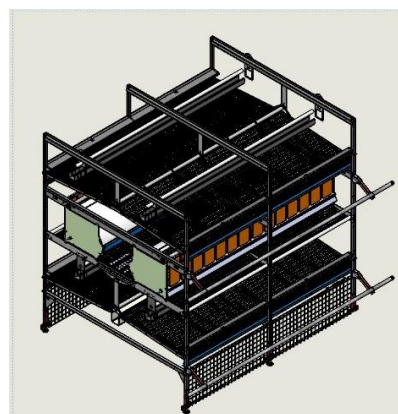


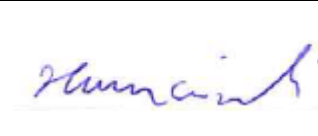
PRODUCT INFORMATION

Natura Colony 2000 V16

Regarding the development of the Natura Colony 2000 V13, the new Natura Colony 2000 V16 is now a part of the product folio.

The Natura Colony systems are applied for keeping of laying hens. They provide them with essential resources such as food and water but also with a living space according to their natural manners.



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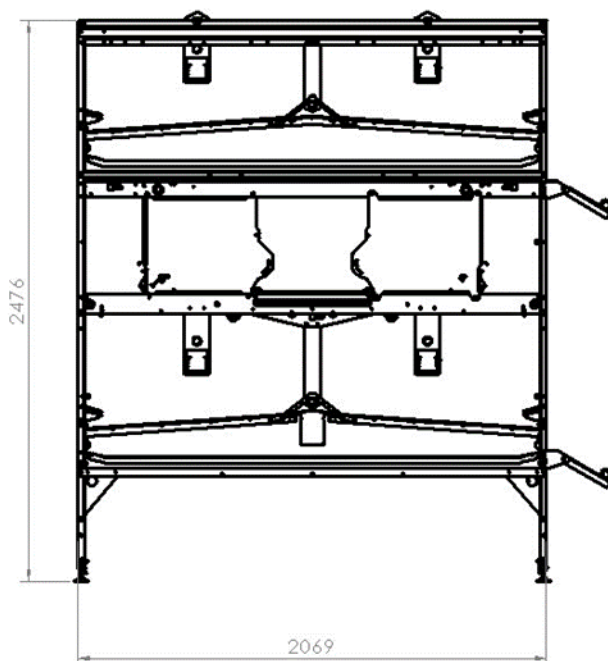
The dimensions of the Colony 2000 V16 are identical to the Colony 2000 V13. Therefore, the requirement at the available floor space for and the height of the house are equal.

The main changes are in the adjustment of the neststillages in accordance to the proven Colony 2400 Step V16.

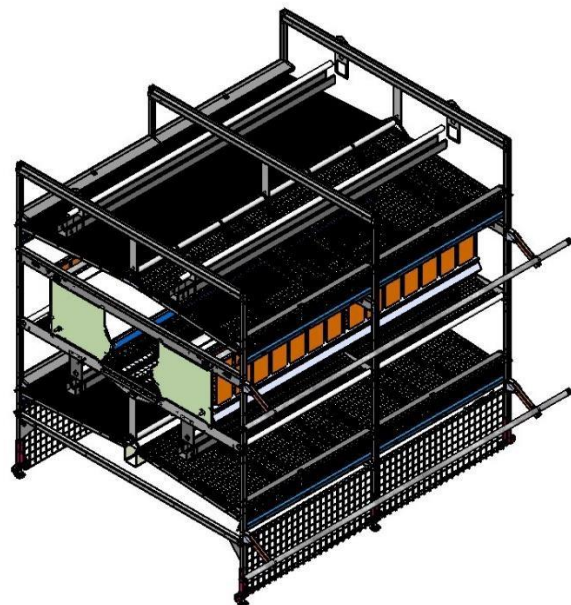
The extension of the product folio brings advantages.

Advantages

1. The Colony 2000 V13 is, like the Colony 2400 Step V13, modified to V16 due to standardisation reasons.



Picture 1: Cross section Natura Colony 2000 V16



Picture 2: Section Natura Colony 2000 V16

The Natura Colony 2000 V16 is also available with nest passages, just as the other Colony und Step systems, to ensure the hens an easy entrance to the nest zone in the area of end- and intermediate partition.

The facility in the standard version consists of manual detachable separating grids underneath. As an option, it could be replaced by an automatic version. Additionally, there is another option for the customer to choose whether a hot dip galvanised or SST-approach-perch.

Calculationtool Natura Colony 2000 V16

Section length: 2412 mm

Section width: 2069 mm

Section height: 2476 mm

Eggbelt width: 500 mm

Maximum number of animals: 192 per section. According to the available usable area, the number of animals could be lower!

1. Endset Feed/MPF

Articlenumber	Articlename
39-69-0100	Endset 2E MPF 2x0,37 kW C-2000 V16

Calculation: 1 x per line up to 23 sections

The endsets MPF 0, 37 kW are for a line-length up to 23 sections. From 24 sections and higher, there need to be an exchange of the MPF-drives to 0, 75 kW.

2. Endset manure removal

Artikelnummer	Artikelbezeichnung
37-97-9220	End set 2t manure removal 2x0.75kW C-2000 V13

Calculation: 1 x per line

2.1 Manure curtain (optional)

Artikelnummer	Artikelbezeichnung
37-97-9252	Manure curtain cpl 2t HD2 C-2000

Calculation: 1 x per line

3. Expel system for nest BD-C2+

3.1 Drives for expel system

Artikelnummer	Artikelbezeichnung
39-42-1612	Drive EWA10 expel system Step V13 LB500 max 100m

Calculation: 1 x per line up to 97 m

3.2 Control-box expel system

Artikelnummer	Artikelbezeichnung
36-00-6301	Control-box expel system for 1 x EWA10/ EWA12 400V
36-00-6302	Control-box expel system for 2 x EWA10/ EWA12 400V
36-00-6303	Control-box expel system for 3 x EWA10/ EWA12 400V
36-00-6304	Control-box expel system for 4 x EWA10/ EWA12 400V

Calculation: 1 x choose

4. Sections

4.1 Section incl. nest BD-C2+

Artikelnummer	Artikelbezeichnung
39-69-0000	Section 2412 2t C-2000 V13 w/nest Colony2+ LB500
39-69-0005	Section 1206 2t C-2000 V13 w/nest Colony2+ LB500
39-69-0009	Section end set 2t C-2000 V16 w/nest Colony2+ dbl

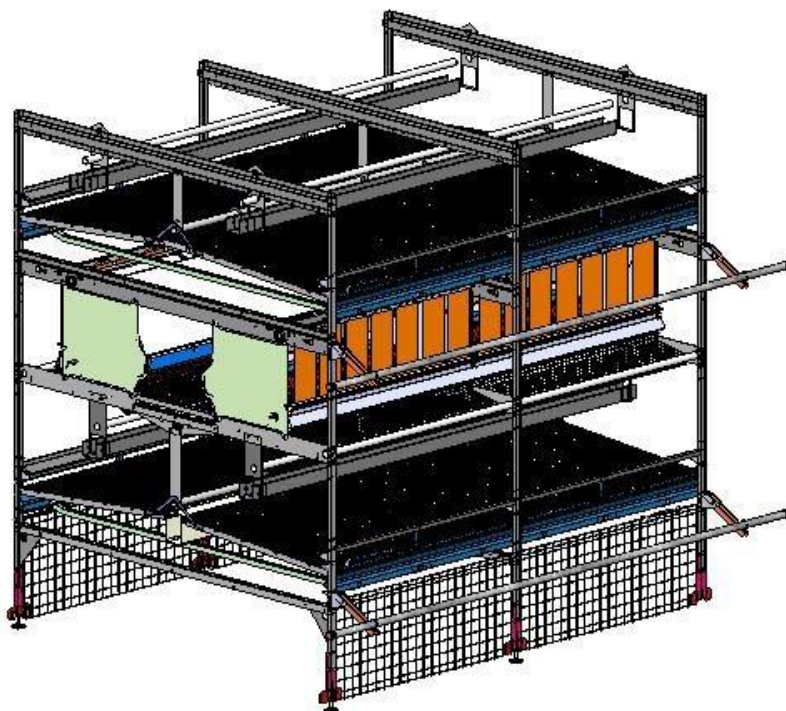
4.2 Section with passage

Artikelnummer	Artikelbezeichnung
39-69-0001	Section 2412 2t C-2000 V16 w/passage Colony2+ LB500
39-69-0006	Section 1206 2t C-2000 V16 w/passage Colony2+ LB500

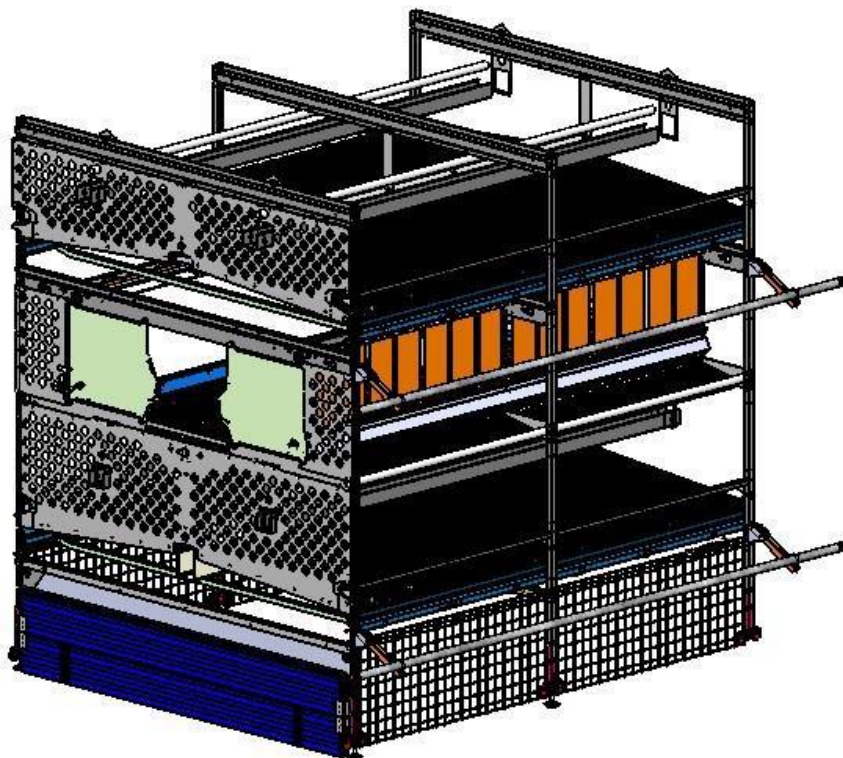
Furthermore, according to the stable length and number of animals, cross partitions need to be applied. They divide the stable length wise in departments and close floor area at the end of the line. In the stillages with the cross partitions, there no need for suspensions of the feedthroughs, gusset plates and perches.

The partitions are offered in two different versions:

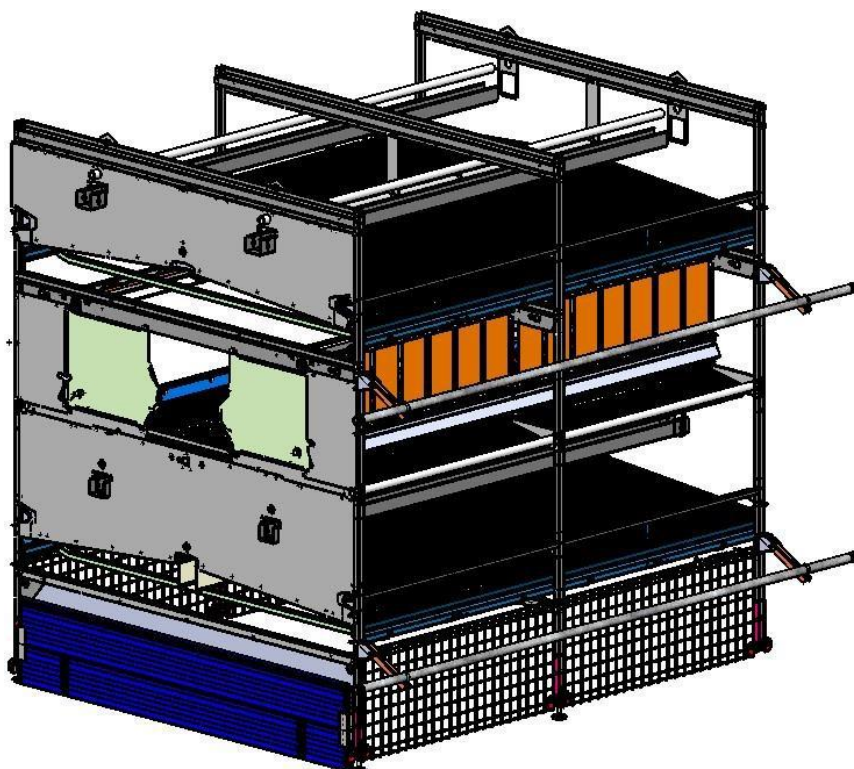
- Version 1: for conventional floor and free-range-farming
39-69-0311 Partition Natura Colony 2000 V16 punched
- Version 2: for organic laying hen houses, which had to be opaque
39-69-0310 Partition Natura Colony 2000 V16 solid



Picture 3: Section 2412 Natura Colony 2000 V16 without partition



Picture 4: Section 2412 Natura Colony 2000 V16 with partition punched 39-69-0311



Partition 5: Section 2412 Natura Colony 2000 V16 with partition solid 39-69-0310

The above-mentioned parts lists are valid from the 10/11/2019 on.