

Hosts

Magnus Jonsson and Tommy Andersson

Information about the VMS barn

Milking equipment:	3 x VMS stations 1 x DeLaval DXCEM 16 000 litre cooling tank 1 x 1 500 litre buffer tank
Feed management:	Silage: Mix with maize and corn Storage: Horizontal silo and tower silo, total capacity of 6 000 m ³ Concentrate feed: 8 x concentrated feeding stations – two feed mixes and top feed in VMS Mixed feed: Supplied by tractor-driven mixer wagon twice per day
Calf feeding system:	Free milk distribution
Other equipment:	Manure removal system: Slatted floor with hydraulic removal Fittings: DeLaval cow cubicle CC1800 with rubber mattresses Ventilation: Open roof ridge vents, Lunitherm air intake system
Size of barn:	30 m x 60 m The walls are insulated and fitted with 'Venetian blind system' for air / curtains.
Byggår:	2007
Construction year:	SEK 12 million excluding cost of own work
Total investment:	SEK 55 000

Direction to the farm

From Skövde
Take road 194 towards Hjo. After about 17 km, turn left at the sign to Kivenäbben and you have arrived at the farm.



Entrance sign by Kivenäbben

For more information about equipment for milk production see:
www.delaval.se (in Swedish)
www.delaval.com (in English with links to DeLaval sites in other languages)



New VMS cow barn with Feed First™ at Vårsås Mjök AB, Kivenäbben, Vårsås

VMS = Voluntary Milking System

Information about the farm

Name of farm:	Vårsås Mjök AB, Kivenäbben
Owners:	Magnus Jonsson and Tommy Andersson
Address:	Kivenäbben 1, SE - 541 98 Vårsås, Sweden
Contact person:	Magnus Jonsson
Area:	250 hectares of fields + 45 hectares of grazing land, including leasehold land

Milk production

No. of cows:	250, of which 200 milkers
Yield:	9 000 kg ECM
Recruitment:	250 animals
No. of milkings / day / cow:	2.4
Milk volume / day / cow:	28 kg
No. of inseminations / gestation (activity meter installed):	1.3
Calving interval:	12 months
Age of heifers at calving:	24 – 26 months
Working hours per cow per year:	Aim is 20 hours per cow per year

Plan of Vårsås Mjolk AB, Kivenäbben, Vårsås



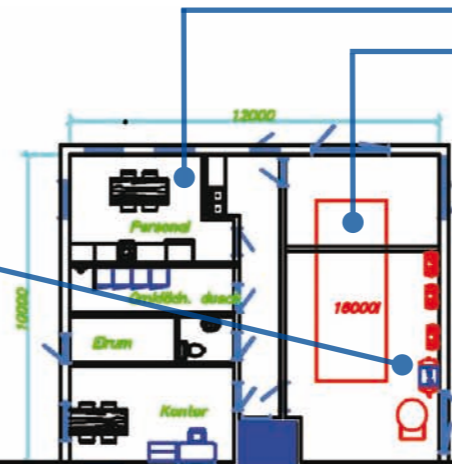
Office section



The VMS units are 'built-in'. The cows are entertained with music at the VMS stations.



Part of the cooling tank is also engine room.



Milk room with parts of the cooling tank and buffer tank.



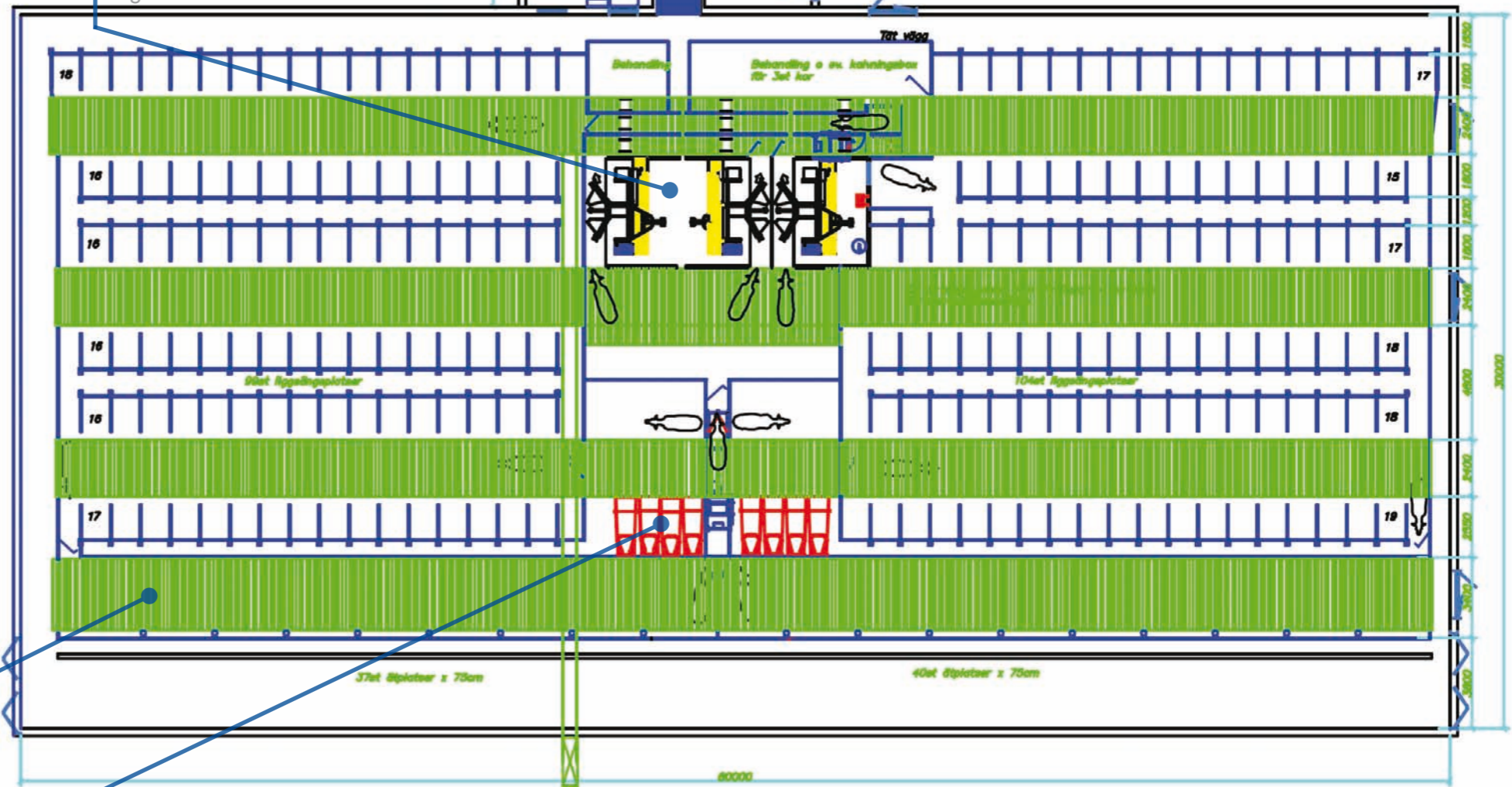
Staff room



Mats Fellbrant, DeLaval, is talking about the new barn to visitors from the UK.



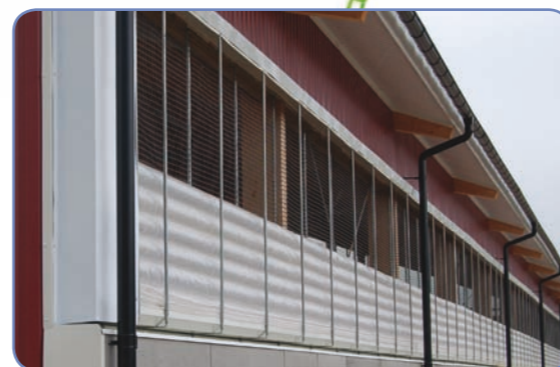
View of the barn.



Wide feeding table for tractor-driven mixer wagon. Feed is supplied twice per day.



8 automatic feeders in a row in the Feed First barn. Light comes in from the roof ridge ventilation and from the gable.



The air vents in the wall complete with netting which prevents birds from coming in.



Separate stall for young stock.



The calves divide up the straw in the young stock barn.