

# Cooperation in the sphere of agricultural equipment manufacturing in Uzbekistan





- 1780 founded as a blacksmith in the village Birten; 1936 Relocation of the production to Alpen



- Since 7 generations owned by Family Lemken; today more than 1,000 Employees worldwide; more than 360 Mio. € Group Turnover in 2013



- Alpen plant 55,000 m<sup>2</sup> production area; 3 additional plants: Meppen and Föhren in Germany; Nagpur in India



- Equipment for Soil Cultivation, seeding and Crop Protection, 17.200 machines manufactured in 2013, incl. 4.300 ploughs



- 2010: Foundation of “LEMKEN India Agro Equipment Limited”
- 2012: Build up of a plant with app. 4.000 sqm in Nagpur, installation of the complete production chain for ploughs



- Efficient Tillage, Sowing and Plant Protection Solutions, Strong Competence in Consulting and Service



- Adapted to different Farm Sizes and Soil Conditions



- For Soil Cultivation and Sowing: Working widths from 2.50 up to 12 metres, for Plant Protection: up to 39 metres



- Up to date Electronic Equipment and GPS control



# Product Development



**1804:**  
Building of the first  
LEMKEN Plough



**1980:**  
Mounted Ploughs  
**Opal** with  
**Optiquick**



**1989:**  
Power Harrows  
**Zirkon**



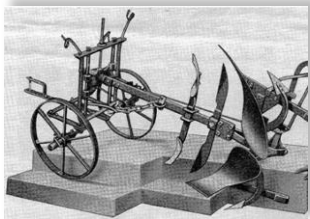
**2001:**  
Compact Disc  
Harrows **Rubin**



**2009:**  
Mounted Ploughs  
**Juwel** with  
**TurnControl**



**2010:**  
Compact-  
Cultivators **Kristall**



**1925:**  
First patent for a  
LEMKEN Plough



**1986:**  
Disc cultivators  
**Smaragd**



**1997:**  
Pneumatic Seed  
Drills **Solitair**



**2007:**  
Mounted Field  
Sprayers **Sirius**



**2009:** Seeding  
Combinations with  
Power Harrows  
**Compact-Solitair**



**2012:** Semi  
Mounted Ploughs  
**Diamant 12**

# Representatives throughout the world





# JV «LEMKEN Chirchiq»

## LEMKEN as minor shareholder of 30 %





Foundation in February 2012

Actually 17 employees, including 6 mechanics with responsibility for manufacturing and service

Only in 2013 about 100 mounted ploughs were manufactured, for 2014 further 250 pieces are planned.

Manufactured machinery is sold to agricultural farms in Uzbekistan.

In future export of manufactured at JV LEMKEN Chirchiq machinery to other Central-Asian countries is foreseen.



**Mounted reversible  
plough EurOpal**



**Power harrow  
Zirkon**



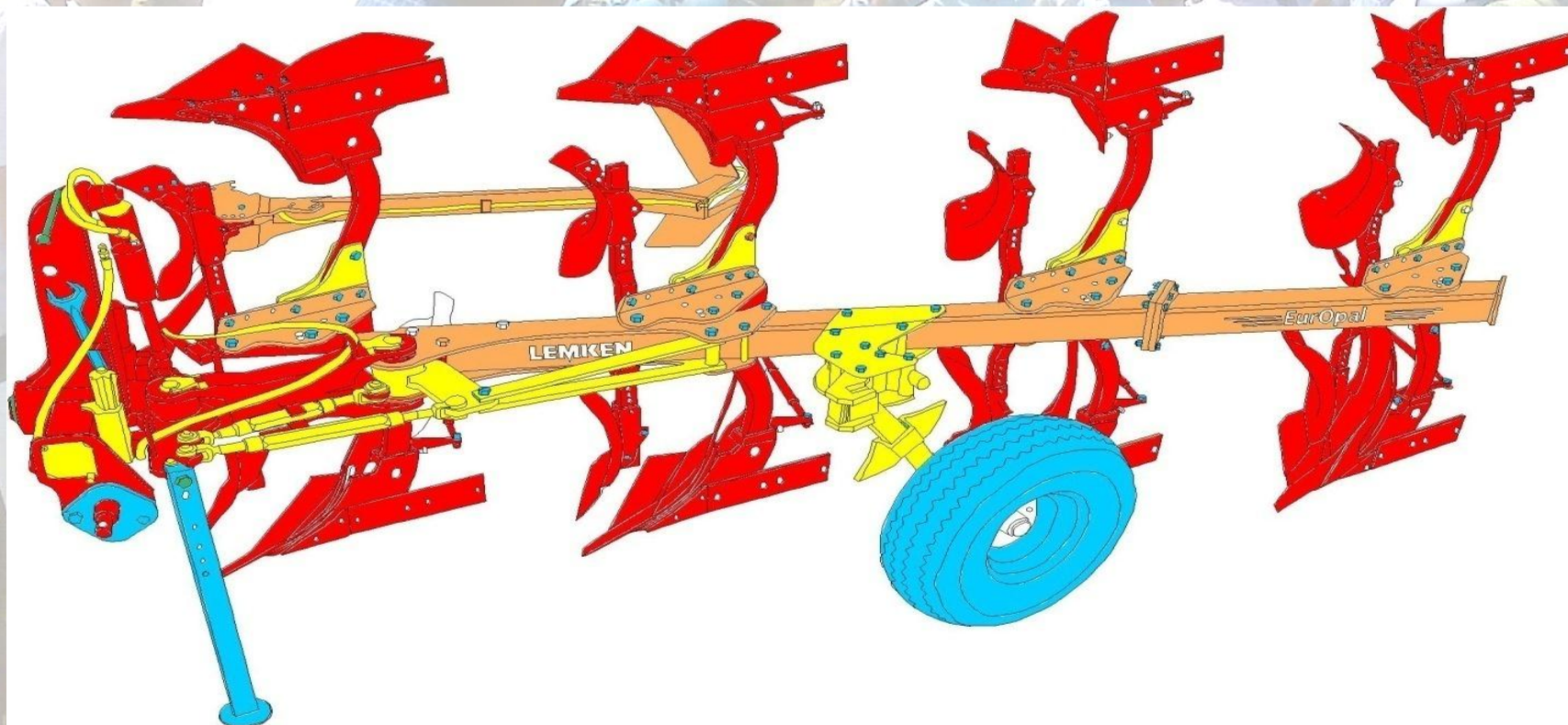
**Furrow press  
VarioPack**



# Example for Localisation of machinery manufactured by JV LEMKEN Chirchiq

EurOpal 7 3+1 N 100

	Stage I -	14,28%
	Stage II -	18,52%
	Stage III -	19,44%
	LEMKEN -	47,76%

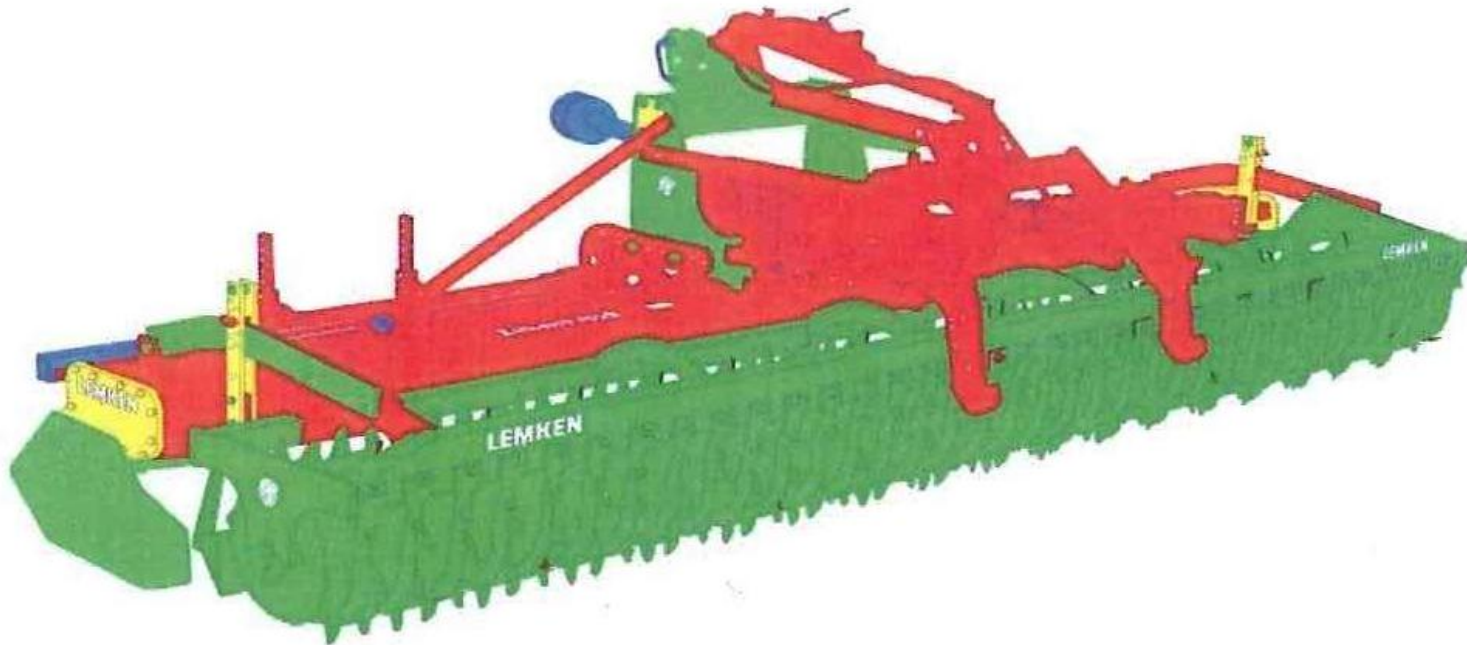




## Example for Localisation of machinery manufactured by JV LEMKEN Chirchiq

Zirkon 8/250

	Stage I -	18,53%
	Stage II -	12,21%
	Stage III -	22,24%
	LEMKEN -	47,02%



Close and trustful cooperation with different domestic manufacturers like "Electroapparat Electroschild", "Technologist", "Tashkent Mechanical plant"

# Test machinery at UzGTsiTT

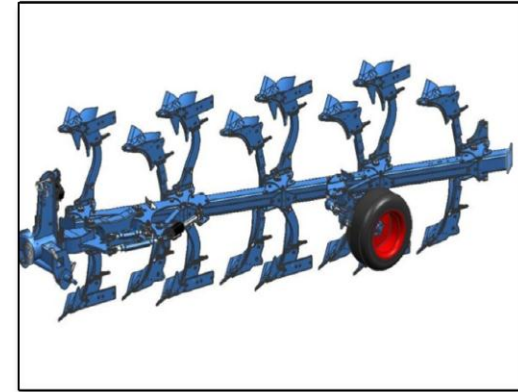
**Mounted ploughs for  
crawler tractors**



**Seeding complex Zirkon 8 +  
Saphir 7**



**Special two-layer VariOpal 9  
N120 for cotton fields**



**Heavy compact disk  
harrow Rubin 9**



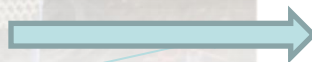
**Universal cultivator Karat 9**







Additional irrigation feeders  
in a distance of 75 cm are  
provided along with soil  
preparation and seeding!!





# Marketing and field days in the regions

