



NIRA PUMPS OY

NIRA handpumps are manufactured in Finland by NIRA PUMPS Oy (former Vammalan Konepaja). Ever since 1919 our work has been based on high-quality products and modern production technologies. Nira hand pumps with aluminium body are designed for pumping oils and fuels in demanding hot and cold conditions in industry, heavy machinery and vehicles. For Africa we have developed an African model, suitable for tropical environment. NIRA AF-85s are manufactured and marketed by our subsidiary Tanira Ltd in Tanzania. Besides Africa, the most important export regions of Nira pumps are Scandinavia, Baltic countries and central Europe.

NIRA is one of the oldest Finnish trade marks, which is still in use. The ISO 9001 Quality certificate was granted for Vammalan Konepaja already in 1994 and the first environmental risk assessment was published in 1997. For more information on Nira, please visit our web page www.nira.fi.

TANIRA LTD.

Tanira Ltd. was established in 1992 and it is a Finnish-Tanzanian joint venture. Tanira's factory is located in Dar-Es-Salaam close to the international airport. Tanira Ltd. is marketing NIRA handpumps also to the neighboring countries (Malawi, Mozambique, Uganda and Kenya), where we have good representation. Tanira's main customers are various water projects and organizations, NGO's, Missions, private people companies and farmers.



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NIRA

HANDPUMPS AND WASTE-NOT-TAPS

— AFRICA EDITION —



NIRA HANDPUMPS AND WASTE-NOT-TAPS

Africa edition

Nira AF-85 Direct-Action Handpump Internationally acknowledged to be the 'Best Buy' in the shallow well hand pump category

Today NIRA AF-85 is the number one direct-action hand pump in Africa. It is meant to be used in the rural water supply where the static water level is less than 20 metres. With the help of highly professional NIRA hand pump factory based in Africa, NIRA AF-85 is certainly the best alternative for shallow wells. This sound company can provide you with high quality, reasonably priced products and excellent after sales services.

NIRA AF-85 maintenance manuals are available in English and Swahili.

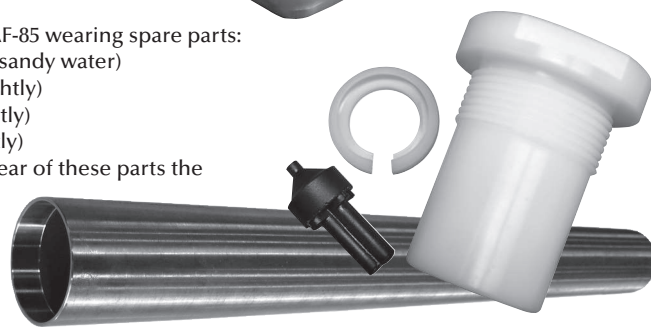


These are the three tools you require for easy installation and proper maintenance. Please note however that NIRA AF-85 does not need regular maintenance!

These are the only NIRA AF-85 wearing spare parts:

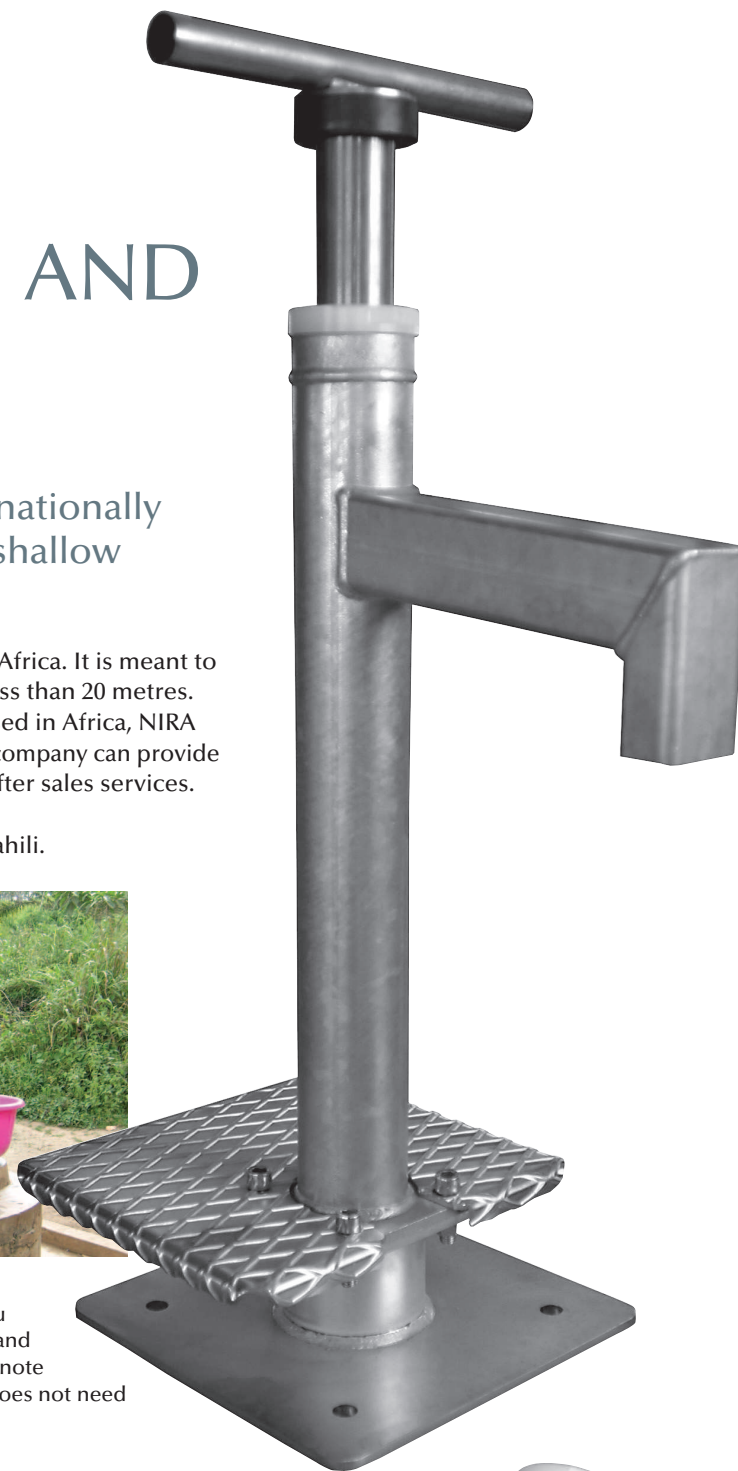
1. Plunger sealing ring (in sandy water)
2. Collar bearing (very slightly)
3. Valve bobbin (very slightly)
4. Handle pipe (very slightly)

Even after considerable wear of these parts the NIRA AF-85 still gives sufficient amount of water and it is very unlikely that there will be a break-down in the utilization.



Some facts about NIRA AF-85 hand pump:

- Direct-Action means that the plunger is directly connected to the handle and thus no lever arm.
- Pump body, base plate and standing plate are galvanized steel, the handle is (Aisi 304) stainless steel.
- All the below-ground parts are made of rustproof materials. Both rising mains (Ø 63 mm) and plunger rods (Ø 40 mm) are made of HDPE plastics, cylinder parts are either HDPE or urethane rubber.
- All the pipes are modulated, so you can select the total length of the pump installation at 0,5 mts intervals.
- The plunger rod is buoyant so it makes the pumping very easy, even for children.
- Two types of cylinders are available depending on the installation depth, 63 mm down to 15 mts and 50 mm down to 20 mts. Output varies between 24-33 lts.



NIRA 6B

Handpump

For pumping water and oil
Capacity about 40 l/min

Product description: Lever handle, lever mechanism, bolts and nuts made of steel • Pump body, bottom valve body and plungers made of cast silumin • Seals/gaskets made of Nitrile rubber or Viton rubber for petrol • Cylinder pipe made of stainless steel • Handle grip made of rubber • Weight 3,3 kg Suction height approx 8 m, without a bottom valve 4 meters



NIRA 2 Barrel Pump

Very handy to use and easy to install directly on a barrel, for oil and diesel oil, with the viton seals also for petrol.

- Capacity 24 l/min
- Suction height approx 3 m
- Joint for barrel M64 x 4 and R 2"
- 19 mm hosepipe connection
- Weight 1,4 kg

NIRA 9

For pumping water and oil

This very efficient pump is also available with the viton seals

- Capacity 60 l/min
- Suction height approx 8 m, without bottom valve 4 m
- Pipe joints 1 1/4" or 1 1/2"
- Weight 5,8 kg
- Pressure 1 bar

NIRA BRASS

Waste-Not-Tap for saving water

Automatically closing.
Reliable and robust tap for water outlets.



NIRA 9

NIRA 2

NIRA BRASS

