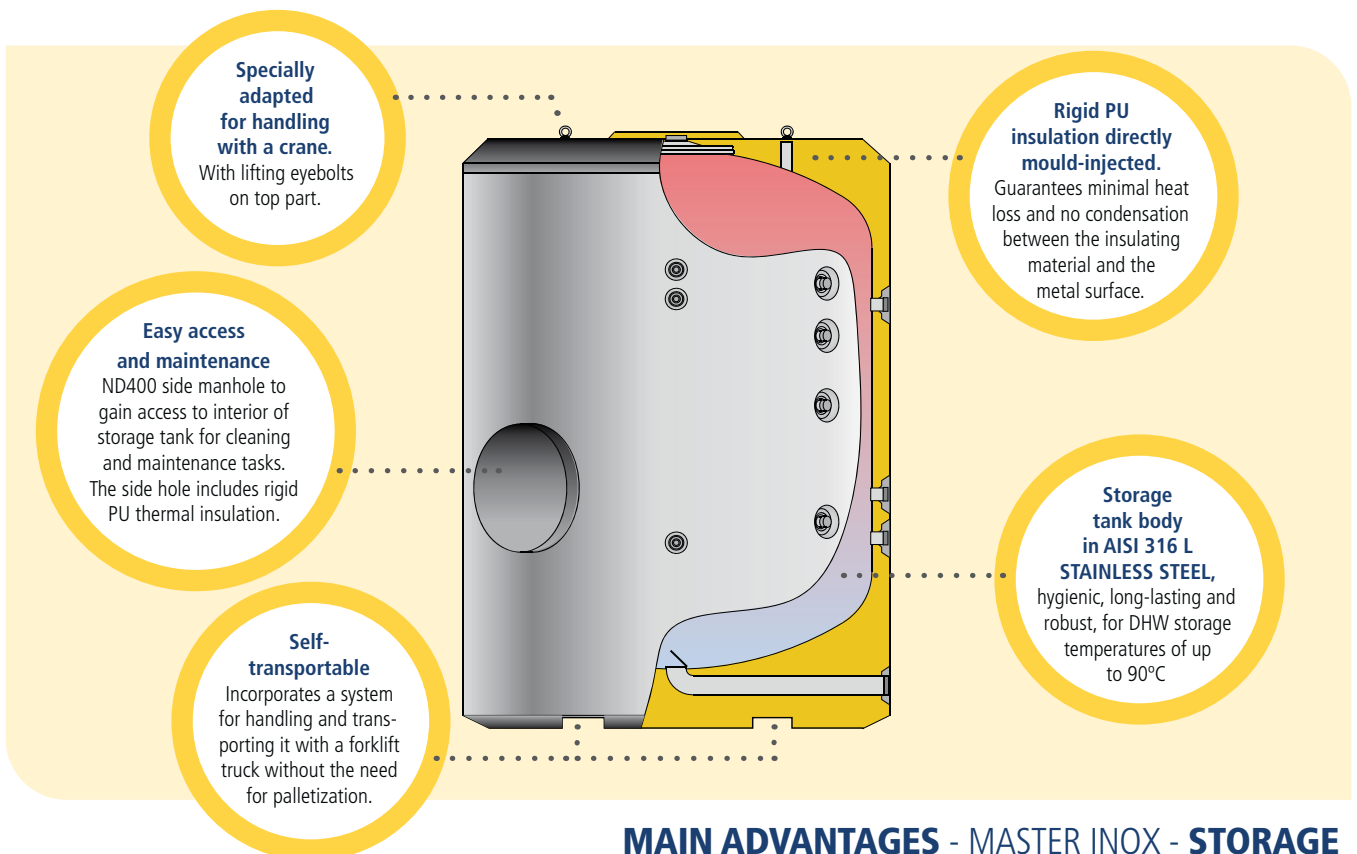




**MASTER INOX - STAINLESS STEEL**

**STORAGE models, energy savings!**

*Designed to provide extraordinary storage capacity that translates directly into real savings. Their overdimensioned rigid, mould-injected PU thermal insulation maintains DHW storage temperature for long periods, providing users with continued savings throughout the life of the storage tank.*



**MAIN ADVANTAGES - MASTER INOX - STORAGE**

## DHW PRODUCTION/STORAGE TANKS MASTER INOX - STORAGE

**lapesa**

**LARGE CAPACITY STORAGE TANKS:** Designed to provide an extraordinary storage capacity that translates directly into real savings.

- CAPACITIES from 1500 to 6000 litres -

Storage tanks ready for installation with plate heat exchanger and/or electric heating elements as the heating source.

**MAXIMUM STORAGE CAPACITY:** Extra thick, rigid PU insulation that minimizes heat losses of stored DHW (see HEAT INSULATION chapter, page: 60)

**LONG-LASTING PRODUCT: Nickel-chromium-molybdenum STAINLESS STEEL** DHW storage tank, highly resistant to pitting caused by halogen elements such as chlorine in drinking water. This is the material used to manufacture all of the models in our "MASTER INOX" series.

**ELECTRIC HEATING:** Ready to be fitted with Incoloy, low charge density electric immersion elements or with sheathed ceramic heating elements (see ELECTRIC HEATING chapter, page: 58)

**EASY TO MAINTAIN:** With access to tank interior through ND400 side manhole, for inspection and cleaning.



**EASY TO HANDLE AND TRANSPORT:** Our "MASTER" storage tanks are designed for easy handling and transport to the place of installation.

They have an integrated system for handling and transporting by forklift truck, which facilitates handling operations enormously as there is no need to palletize the product which, given its weight and size, would make handling difficult.

The tanks are also equipped with lifting eyebolts on the top part so that if they have to be placed in a high area they can be lifted with an overhead hoist.



**TRANSPORT SYSTEM:** Openings/ducts under the tank for easier handling with pallet trucks (from 1500 litres or more).



### FEATURES COMMON TO ALL "MASTER INOX" STORAGE MODELS:

- DHW storage tanks in **AISI 316 L stainless steel**
- Capacities: **1500, 2000, 2500, 3000, 3500, 4000, 5000 and 6000 litres**
- Maximum working pressure of DHW storage tank: **8 bar** (optional: 10 and 12 bar)
- Maximum working temperature of DHW storage tank: **90 °C**
- Thermal insulation: **Rigid, mould-injected PU** (CFC/HCFC-free, 0.025 W/m<sup>2</sup>K)
- Tanks for VERTICAL installation on floor. (OPTIONAL, HORIZONTAL position - please consult us-)

**lapesa** storage tanks have minimal heat losses and for this reason are considered to be one of the products with the greatest storage capacity on the market.

CE

**lapesa**  
*Solutions*



**MASTER INOX "RB"**

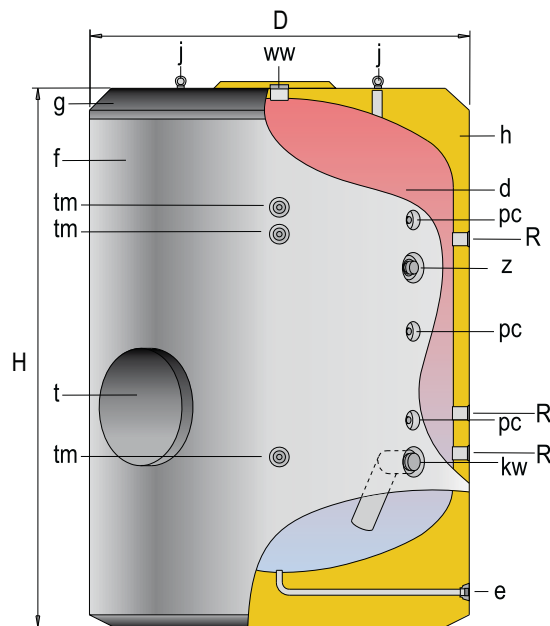
**DWH STORAGE** tanks, from **1500 to 6000** litre capacity.

DHW production is by an external heat exchange system (plate heat exchanger)

They can be fitted with immersion electric elements or ceramic electric elements as the main and/or backup heating system. With ND400 side manhole for access to interior of tank for inspection, cleaning treatments and maintenance.

Thermally insulated with rigid, mould-injected, 80 mm-thick, PU polyurethane foam, with insulating piece in same material on the ND400 side manhole

As an option, PVC padded external lining and set of trims, or ALUNOX aluminium sheet lining can be supplied (see ACCESSORIES chapter, page: 61)



t - Manhole ND400  
 d - DHW tank  
 f - External lining  
 g - Top cover  
 h - Thermal insulation  
 j - Lifting eyes

GENERAL CHARACTERISTICS		MXV-1500-RB	MXV-2000-RB	MXV-2500-RB	MXV-3000-RB	MXV-3500-RB	MXV-4000-RB	MXV-5000-RB	MXV-6000-RB
DHW capacity	l.	1500	2000	2500	3000	3500	4000	5000	6000
D: external diameter	mm.	1360	1360	1660	1660	1660	1910	1910	1910
H: overall height	mm.	1830	2280	2015	2305	2580	2310	2710	3210
Diagonal	mm.	2281	2655	2611	2841	3068	2998	3316	3735
kw: cold water inlet	" GAS/M	2	2	2	2	3	3	3	3
ww: DHW outlet	" GAS/M	2	2	3	3	3	3	3	3
z: recirculation	" GAS/M	1 1/2	1 1/2	2	2	2	2	2	2
e: drain	" GAS/M	1	1	1	1	1	1	1	2
R: side connection	" GAS/F	2	2	2	2	2	2	2	2
pc: "lapesa correx up" connection	" GAS/F	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
tm: probe tube connection for sensors	" GAS/F	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
Empty weight (approx.)	Kg	265	305	450	485	520	600	670	730

Note: The 6000 litre model includes support legs