

UNITRAY

ZEROEFFORT



rational
PRODUCTION

UNITRAY ZEROEFFORT

Unitray, the great classic from Rational Production for meal distribution, enhanced with new optional features, becomes **ZEROEFFORT**.

The introduction of assisted handling facilitates the movement of the trolley by reducing both pushing and pulling efforts and potential physical discomfort for the operator.



01 | HANDLE

Intuitive control thanks to handle with motion sensor: pushing and pulling.



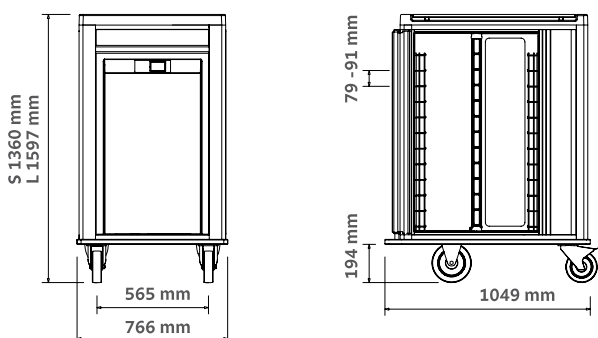
02 | ON/OFF SWITCH

Enables or disables assisted handling.



03 | PATENTED SYSTEM

Two electric motors, battery pack and dedicated electronic control board.



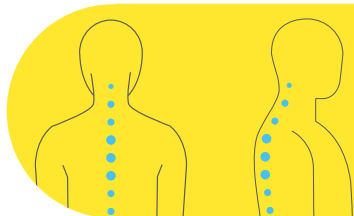
ADVANTAGES AND PLUS

ZERO EFFORT

The electric motor provides the operator up to 6 kg of support, making the trolley easier to handle, even when fully loaded, during both the acceleration and braking phases.

ZERO ADDITIONAL COSTS

The **ZEROEFFORT** optional feature allows the trolley to be handled by a single operator.



REDUCTION OF MUSCULOSKELETAL DISORDERS

ZERO MSD

Musculoskeletal disorders (MSDs) are one of the most common disorders related to handling. With **ZEROEFFORT** technology, work-related MSD risks affecting the back, neck, shoulders, upper and lower limbs are minimised.

PUSH & PULL*

ZEROEFFORT technology allows the operator to push or pull the trolley effortlessly.



PUSH >>>



PULL >>>

ZERO STRESS



EASY

User-friendly and intuitive operation



SAFE

Guaranteed safety thanks to a latest generation battery



SILENT

Noise Level less than 58 Db



STRONG

Ultra-resistant magnetic clutch



LONG AUTONOMY

Battery charging during the regeneration cycle



DURABLE

Easy maintenance, highly reliable components

UNITRAY ZEROEFFORT

CONSUMPTION	600 Wh, full charge in one hour
BATTERY	Battery (Lithium Iron Phosphate 24V - 9 Ah - 216 Wh))
AUTONOMY	Battery autonomy (1h continuous use - 2h in-service use)
PATENT	Patented by Rational Production
IP CODE	IPX4

*Please refer to national regulations for the correct use of the machine.



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