TR 2-rc
TR 4-rc

ELECTRIC PUSHER - PULLERS

Our mod. TR 2 RC and TR 4 RC pusher-pullers can be controlled directly by the operator or via remote control.

When used for towing, the operator uses the tiller and accelerator and controls the speed of the machine, which tows groups of caddies connected in some way to each other;
when used for pushing, the steering wheel is idle. The driver operates the driving system via remote control, which requires direction and speed settings. The machines have a special structure that houses the fixed wheels of the caddie connected to the row of caddies, each of which fits into the other. The direction of advancement is enabled by the operator, who steers the first in the row.
The machines operate in a similar way but differ in their dimensions, pulling/pushing capacity, operating autonomy, wheel dimensions.

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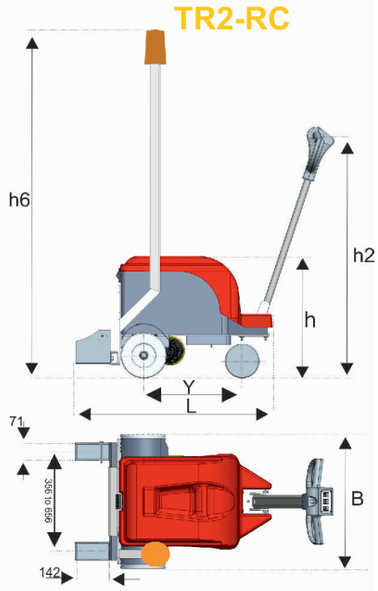
TR 4-RC

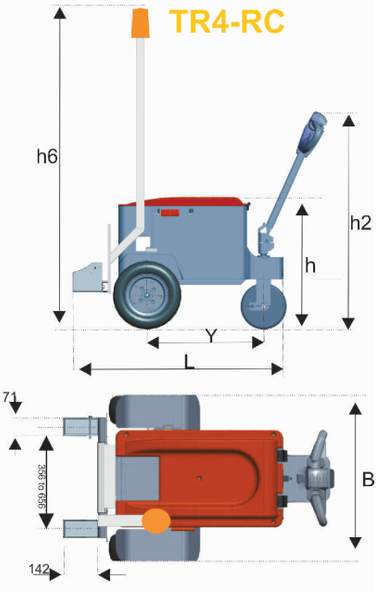
CHASSIS: In electric arc welded steel sheet forming a rigid bearing structure.
DRIVE UNIT: Axle with differential driven by a powerful A.C. motor.
STEERING SYSTEM: By tiller and control box containing butterfly switches for selecting gears and speeds, ignition key, battery charge indicator.
ELECTRIC SYSTEM: With A. C. electronic control unit for maximum control over movements and electronic braking system. Automatic electric parking brake.
WHEELS: No-marking superelastic (TR 2), tyred wheels (TR 4).
OPERATING TIME: Four hours (TR 2), six hours (TR 4) with average work load. A high-frequency battery charger can be installed on board on request.
SAFETY DEVICES: The machine conforms to the regulations in force as to components, performance and stability.

CHARACTERISTICS		dim.un.		
Manifacturer				
Model			TR2	TR4
Platform loading capacity	Nominal capacity	Kg.	-----	-----
Pull capacity	Load nominal capacity	Kg.	1500	3000
Power type	Electric/Endothermic		Elettr.	Elettr.
Control type	Pedestrian/stand-on/Seated		Pedestrian	Pedestrian
Tyres	Pn - pneum. / se - superel.		1Se-2Se	1Se-2Pn
Wheels	Number front/rear X=drive	Nr.	3 - 1/2x	3 - 1X/2x
Platform dimensions	L x B (lenght x width)	mm.	-----	-----
DIMENSIONS				
	h= machine body hight	mm.	550	720
	L= lenght	mm.	750	1000
	B=width	mm.	550	710
	h 3 = feet panel hight	mm.	-----	-----
	h 4 = steering/handle hight	mm.	-----	-----
	h 2 = thiller hight		1375	1375
	h 5 = seat hight	mm.	-----	-----
	h 6 = turning light hight	mm.	-----	-----
	h 7 = cabin turning light hight	mm.	-----	-----
	h 1 = cabin hight	mm.	-----	-----
	h 9 = cabin width	mm.	-----	-----
Turning radius	R1= front min. external	mm.	720	920
	R2=rear min. external	mm.	-----	-----
	R3=rear min.internal	mm.	-----	-----
Aisle width	U-turn	mm.	-----	-----
Hook hight	s = hook center to ground	mm.	220	250-400
PERFORMANCE				
Speed	Without / with load	Km./h	6-4	6-4
Tractive effort	Continuative work 60'	N.	600	1000
	Max in plane x 5"	N.	900	2000
Gradeability	Without/width	%	10-2	10-2
Weight	With battery	Kg.	160	350
Axles load	Front/rear with battery	Kg.	40-90	150-200
TRACTION				
Wheels	Front diam./ width	mm.	160x50	280x80
	Rear diam./ width	mm.	200x80	380x100
Wheelbase	y = pitch	mm.	504	705
Trach	C posterior wheels center	mm.	470	640
Graund clearence	clearence at half chassis	mm.	65	100
Working brake	Mecc./hydraul./elettr.		Elettr.	Elettr.
	Brake axles number	N.	1	1
Parking brake	Mecc./hydraul./elettr.		Elettr.	Elettr.
Suspensions	Spring/laf spring/schock absorber		1	1
POWER SUPPLY				
Battery	Type		Renforced	Renforced
	Capacity	V./Ah.	2x12/130 (C5)	24/150-200 (C5)
	Weight	Kg.	70	140
Elettric motor	Translation,power S2=60°	Kw.	0,6 AC	0,8 AC
Electric system	electronic control		Inverter AC	Inverter AC
Steering	Mecc./hydraul./elettr.		Manual	Manual
Transmission	Mecc.		Mechanics	Mechanics
Towing hook	manual - automatic		Manual	Manual
Autonomy	working hours witm medium work	h.	5/6	7/8

TR2-RC



TR4-RC



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