

# INDEVA® AGV

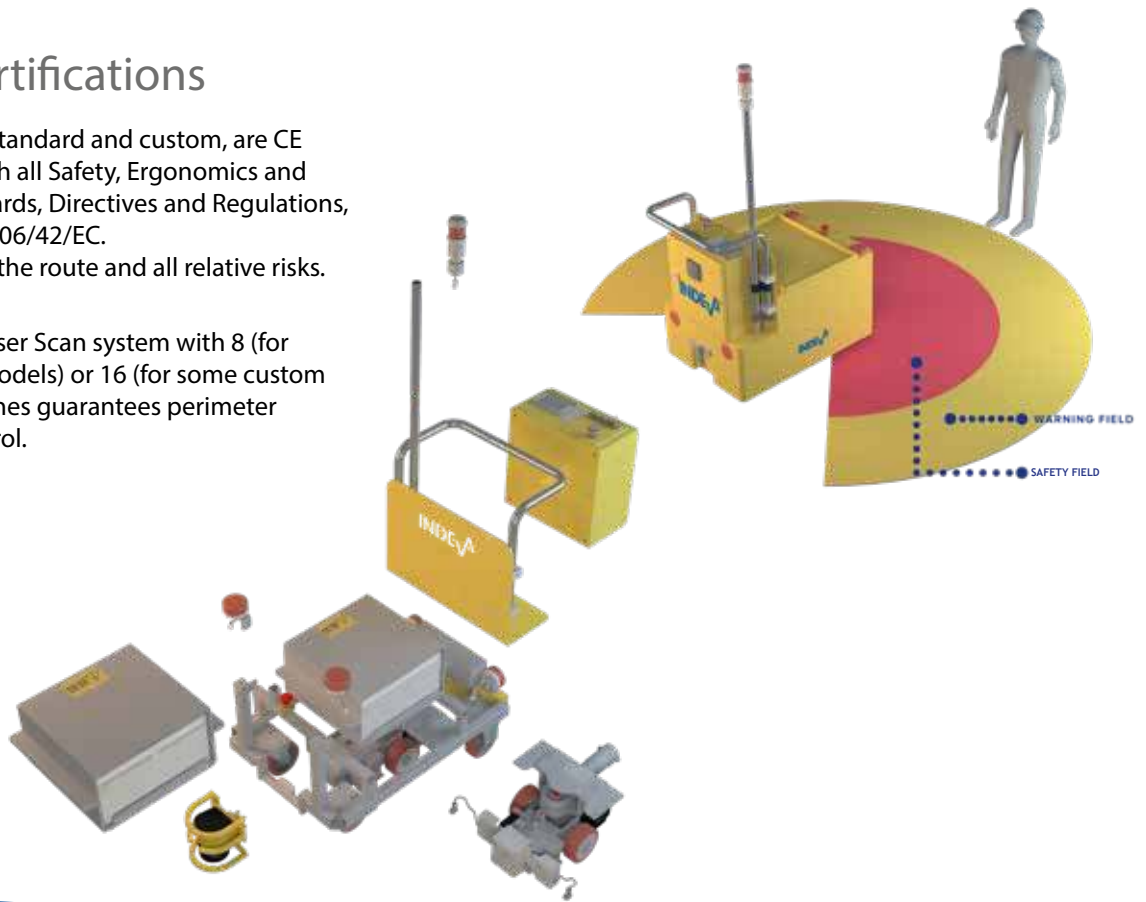
## Technical data

### Safety and certifications

All INDEVA® AGVs, both standard and custom, are CE certified and comply with all Safety, Ergonomics and European Quality Standards, Directives and Regulations, in particular Directive 2006/42/EC.

Certifications cover also the route and all relative risks.

A class 3 Laser Scan system with 8 (for standard models) or 16 (for some custom models) zones guarantees perimeter safety control.



	Tugger/Tunnel 750 Kg	Tugger 1500 kg
POWER SUPPLY	24 Volts DC	48 Volts DC
DRIVE UNIT	Motor type DC Brushless (with brake) power 100W x 2	Motor type DC Brushless (with brake) power 400W x 2
TOWING CAPACITY	Max towing capacity: 750 kg	Max towing capacity: 1500 kg
TOWING FORCE	350 N - 36 kgf - (maximum at max speed)	700 N - 72 kgf (maximum at max speed)
MAX SPEED	50 m/min (selectable from 5 to 50 m/min)	50 m/min (selectable from 5 to 50 m/min)
GUIDANCE SYSTEM	Magnetic	Magnetic
DIRECTION	Forward	Forward
STEERING SYSTEM	Differential speed between drive wheels	Differential speed between drive wheels
MIN TURNING RADIUS	600 mm	1000 mm
MAX FLOOR INCLINATION	1%	1%
FLOOR LEVELNESS	± 5 mm every 2 meters	± 5 mm every 2 meters
STOP PRECISION	± 30 mm	± 30 mm
BATTERIES	Set of 24V (2x12V) Gel 40Ah or 70 A/h (charger included)	Set of 48V (4x12V) Gel 135A/h (charger included)
BATTERY RUN TIME	About 6 hours for 40A/h and 10 hours for 70A/h	About 16 hours
PROGRAMS	56 programs - 250 lines each program	56 programs - 250 lines each program
DIMENSIONS LxWxH Tugger	965 mm x 544 mm x H 1.500 mm	1400 mm x 920 mm x H 1150 mm
DIMENSIONS LxWxH Tunnel	1.350 mm x 570 mm x H 450 mm	
OBSTACLE SENSOR	SICK Laser Scanner 8 zones	SICK Laser Scanner 8 zones
SAFETY	According to all relevant standards (EN1525, EN13839): Obstacle sensor, flashing lamp, melody unit, emergency stop button, turn indicators (optional)	