

DIECI Magazine

● No. 2 April 2020



SOUTH AFRICA

A Hercules under the Southern Cross

AUSTRIA

DIECI, thoroughbreds of the arena

ROMANIA

A hospital up and running in record time

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editorial



Difficult times...

The editorial staff of Dieci Magazine

We are going through what is undoubtedly a difficult period. We could never have imagined just a few months ago that we would soon find ourselves in such a situation. Nevertheless, this is precisely the best time to think about the future, when life returns to normal. As the ancient Greeks said, “Pánta rheí” (“everything flows”), everything is constantly changing and even this period is destined sooner or later to become a memory, an experience that will perhaps serve us well in tomorrow’s world. For the moment we can

only wait and try to plan and organise for the moment we all long for, when normality returns. Fortunately, thanks to technology, in the meantime we can stay in touch with people from a distance, keeping intact the invisible bonds that unite us to others. This is precisely the reason why we decided to press ahead with the release of this latest issue of Dieci Magazine, because it is our way of staying close to you, even in these trying times.

Enjoy the magazine!





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APRIL 2020



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A Hercules under the Southern Cross



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A hospital up and running in record time

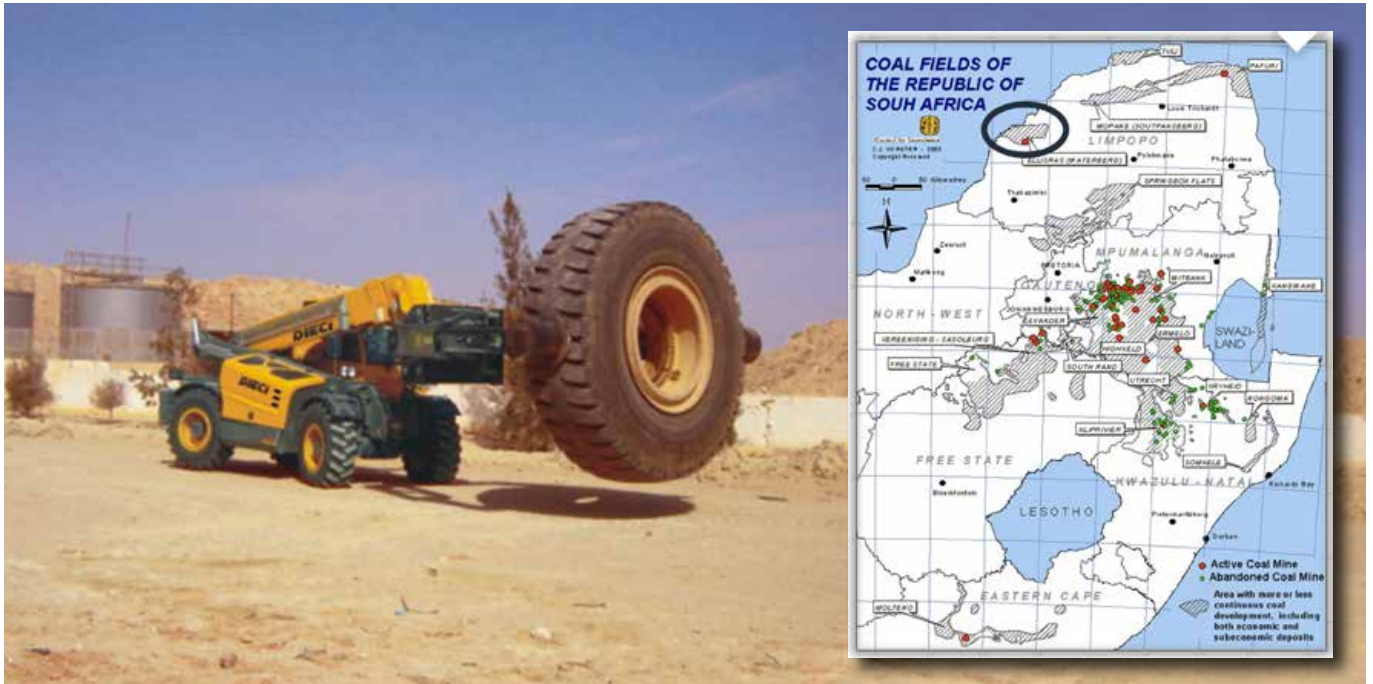
A Hercules under the Southern Cross





In a lunar landscape littered with black rocks, the yellow livery of a Hercules 120.10 stands out all the more sharply under the blinding South African sun. We are at the Grootegeluk Coal Mine north of Pretoria, in the midst of the extensive Waterberg Coalfield in the far north of the country. The Grootegeluk Coal Mine has around 3200 employees, spans an area of 1200 hectares and in 2019 produced 30 million tonnes of coal, predominantly coking coal, which

the colliery exports to leading international metallurgy companies. Part of the combustible coal that is extracted here powers the nearby Matimba and Medupi power stations, which supply energy to most of South Africa. Grootegeluk is an open cast mine, where large excavators attack the coal vein from the sides of a vast pit measuring over 120 metres deep. Huge trucks carry the excavated material to belt conveyors that incessantly feed large crushers, where the coal is



refined. As each stratum is mined, the pit is further enlarged in pursuit of the coal seam and equipment is transferred from the depleted parts to the newly excavated parts.

A Hercules 120.10, supplied to Grootegeluk by Dieci Equipment Africa, has been used in this role thanks to its characteristic power, speed and manoeuvrability on uneven terrain.

Numerous heavy and bulky belt conveyor modules (which can extend as far as three kilometres in length) must be lifted, carried down the access benches and carefully aligned to form a new transportation line.

The 12,000 kg load capacity of the Hercules 120.10 enables it to easily lift

the modules and then transport them over uneven ground thanks to the model's excellent stability and manoeuvrability, before repositioning them by means of the inching pedal for finely tuned forward movement.

After all, this is a machine that was built for hard work, and in a coal mine like Grootegeluk there are infinite oppor-





“... Grootegeluk is an open cast mine, where large excavators attack the coal vein from the sides of a vast pit measuring over 120 metres deep”



tunities to prove its strengths: from transporting and lifting heavy materials (as high as 9.50 metres), to maintaining infrastructure and equipment, and even changing the pneumatic cylinders and wheels on the gargantuan mining trucks (using appropriate accessories). These are tasks that the Hercules and many other vehicles in the Dieci Industrial Range already successfully perform in other mining plants around the world, and now we are making our mark in a new corner of the globe, under the Southern Cross constellation.



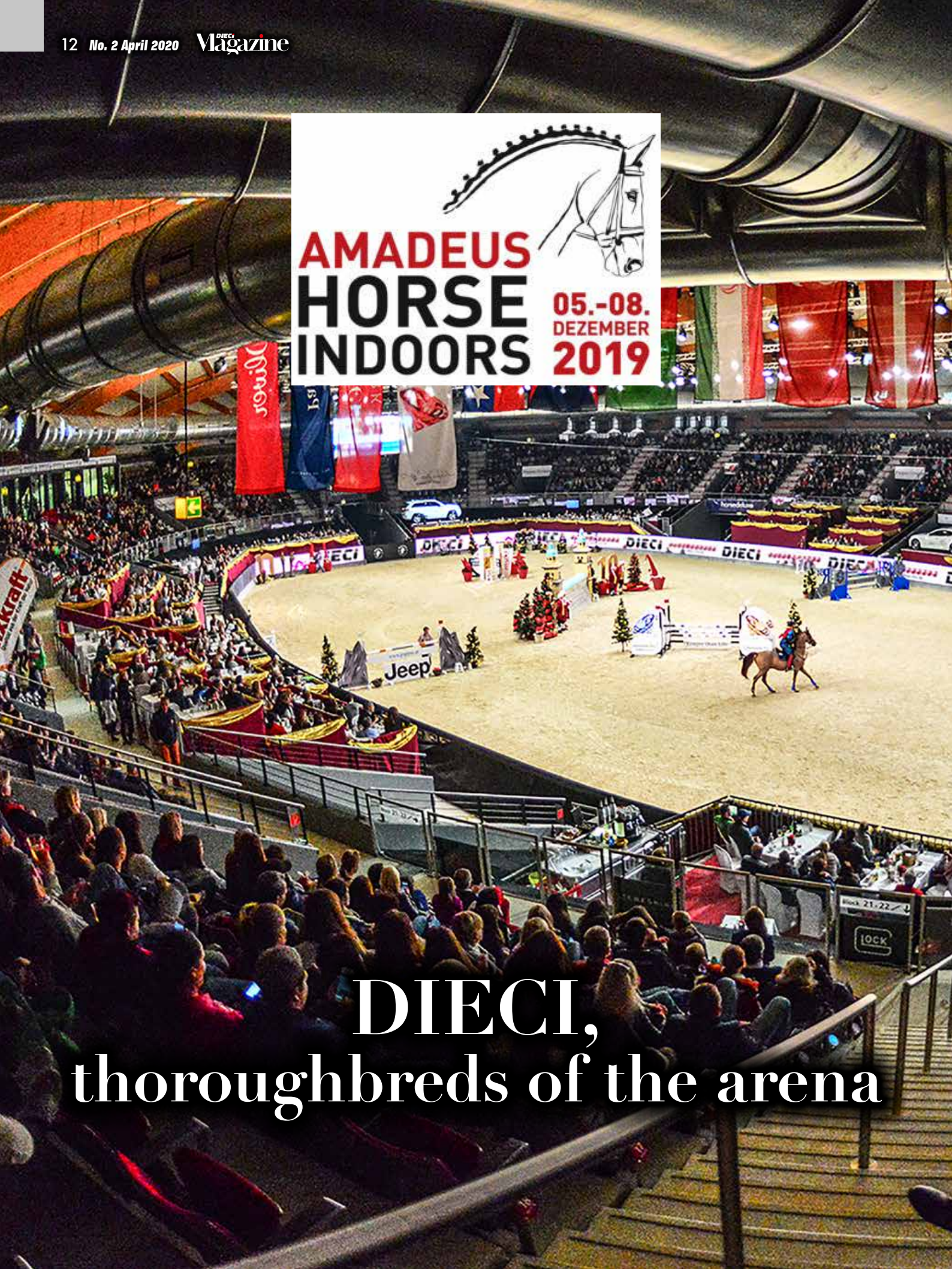
“... Numerous heavy and bulky belt conveyor modules (which can extend as far as three kilometres in length) must be lifted, carried down the access benches and carefully aligned to form a new transportation line ...”





**AMADEUS
HORSE
INDOORS**

**05.-08.
DEZEMBER
2019**



DIECI,
thoroughbreds of the arena



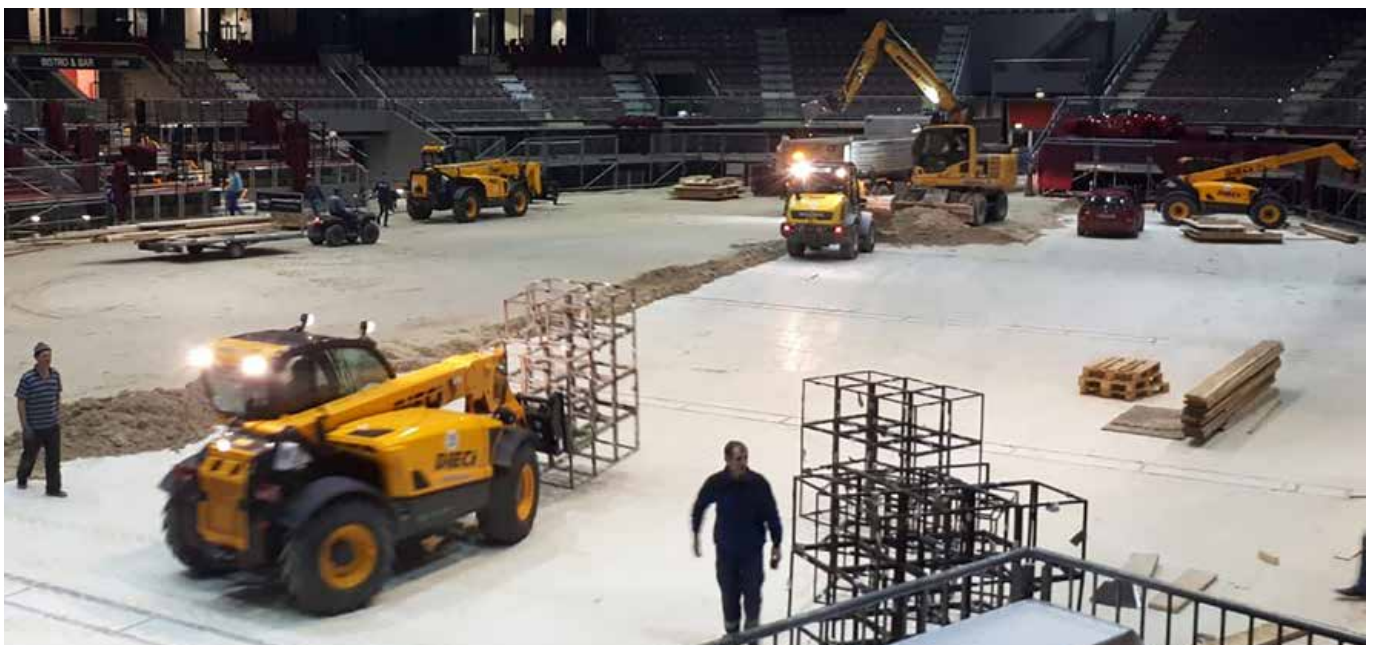
We don't often stop to think about mankind's relationships with animals, but there are some interesting considerations to be made. For example, it seems that the special relationship between man and dog began around 36,000 years ago, long before the advent of agriculture, when dogs accompanied hunters and helped to defend settlements. Nowadays canines have evolved into pets and working animals, earning the title of "man's best friend". By contrast, the relationship between man and horse seems to have started much later at around 5000 years ago, and few would consider the horse to be as close an ally of humankind. And yet, it is an animal that has contributed perhaps more than any other to our evolution, allowing us to prevail against enemies on foot and contributing to the migration of ancient peoples, the birth of new empires, and the exploration and conquest of entire continents. Horses also favoured the creation and expansion of trade, and as working ani-



mals, they alleviated most of the effort involved in growing crops, facilitating the introduction of new machines and cultivation techniques. Even today, in the modern era, horses are a source of food in parts of the world, and innumerable vaccines and antidotes are obtained from their plasma. Just as in the past, the horse continues to accompany people in countless recreational, military, work and rescue ac-

tivities, as well as in police duties and sporting events. One such event is the Amadeus Horse Indoors, a top-level international equestrian competition that takes place every year in the Salzburg Arena in Austria. At this four-day event in 2019, which was held from 5 to 8 December, over 6000 spectators were able to witness numerous international athletes and their magnificent steeds excelling in show jumping, vaulting

and dressage disciplines. There were outstanding performances from the Italian riders, who achieved superb overall rankings in the general classification, and from the trio of Dieci "thoroughbreds" that have helped to build the competition arena since 2018. They are an Agri Farmer 32.6, an Icarus 40.17 and a Mini Agri 26.6, supplied by Austrian Dieci dealer Amselgruber Landtechnik of Tarsdorf, which was





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also the Official Partner of the event. It takes a truly mammoth effort to stage the event, bearing in mind that 144 lorries are needed to transport over 2000 tonnes of sand for the arena floor. From 25 November, the 80 ground staff were effectively supported by the three Dieci workhorses, which performed innumerable deft manoeuvres (much like their animal counterparts competing in the event) in transporting, lifting and laying

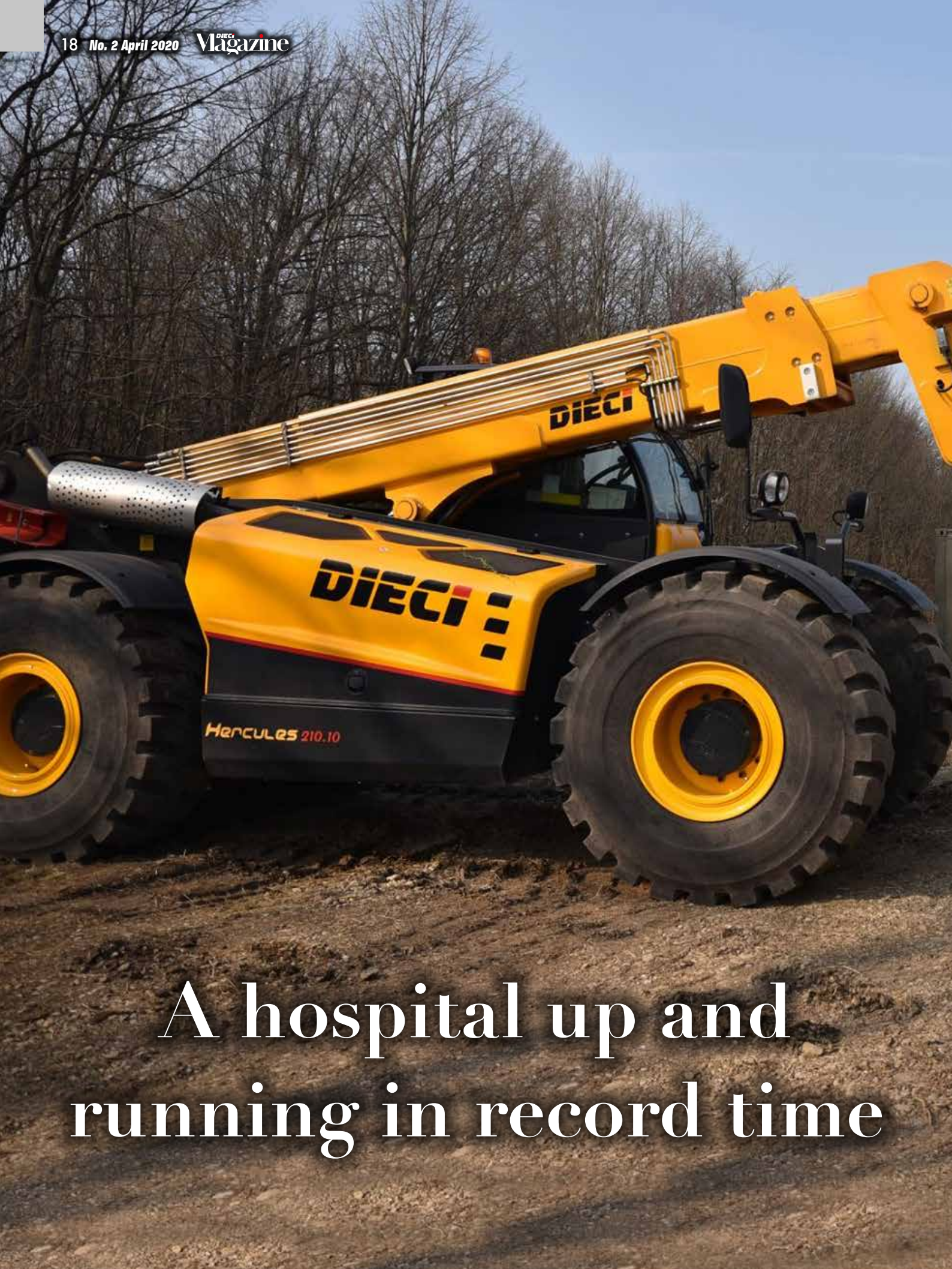
a massive quantity of material: 16,000 square metres of mats, 100 kilometres of cables and 400 lighting fixtures, in addition to decorations and advertising spaces, not to mention additional stands for the juries, competition equipment, and all other materials necessary for the event and for stabling the animals. The laborious process was reversed from 9 December, when the installations were dismantled in prepara-

tion for other shows. The next Amadeus Horse Indoors games will be staged in early December 2020, but if you want to see our vehicles in action, you can take a tour of the Salzburg Arena in late November.





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A hospital up and
running in record time

“... The Romanian Hercules 210.10 telehandlers have so far been used for the routine maintenance of military installations, various army logistics missions abroad, and in recent NATO exercises in Romania ...”



Just five days. That was the record time taken by the Romanian Army to construct a ROL2 class mobile military hospital in support of the Ana Aslan National Institute of Gerontology and Geriatrics in Otopeni, a suburb in the north of Bucharest. The hospital, which is fully autonomous and equipped with all the necessary equipment, is already operational and supports

the treatment of patients with moderate and mild cases of COVID-19, allowing the Institute to concentrate resources on the most severe cases.

The record was made possible by the use of two of six Hercules 210.10 acquired by the Romanian army in 2016, which already featured in an article published in the January 2017 edition of the Dieci Magazine.

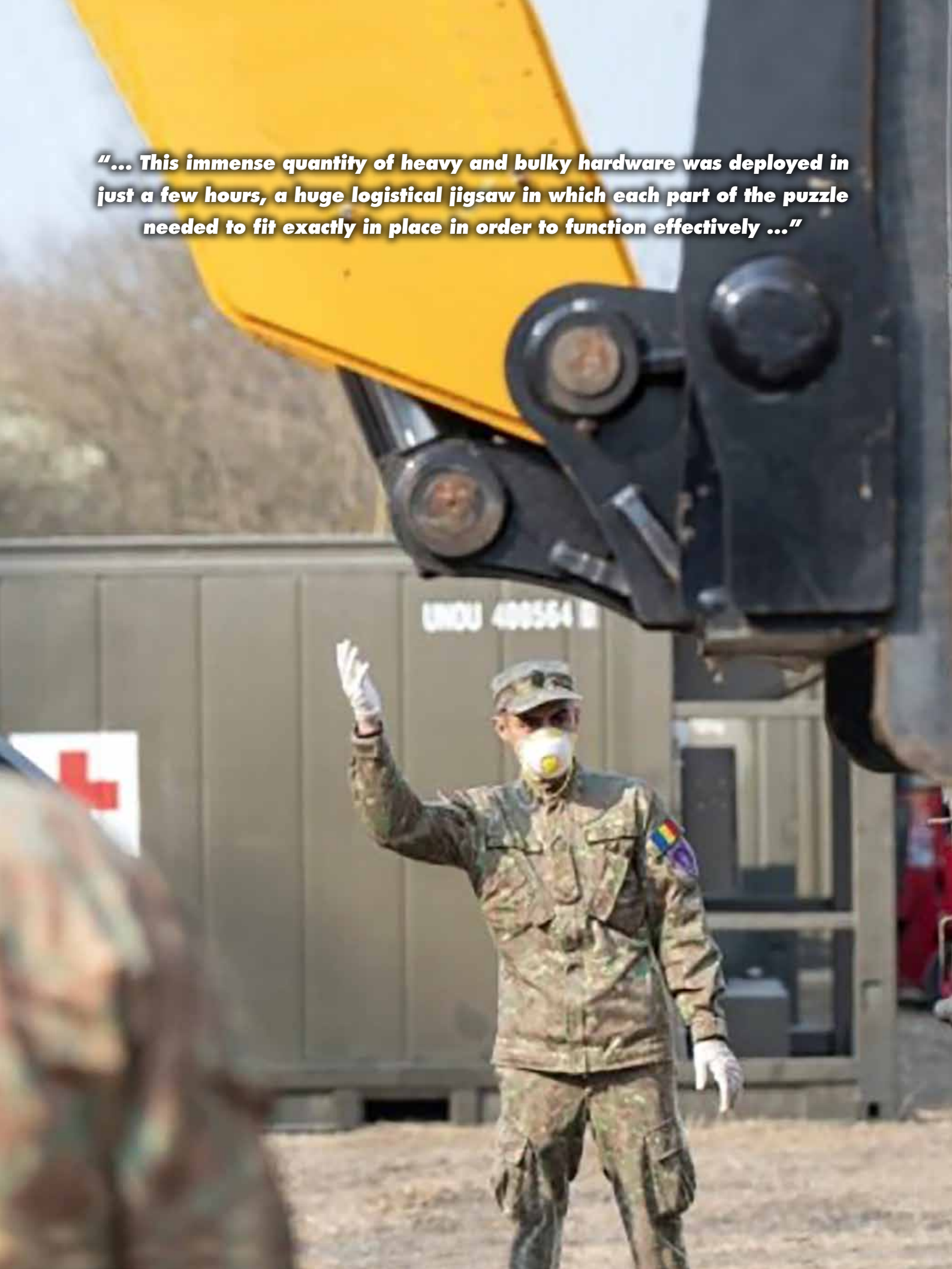


The Romanian Hercules 210.10 telehandlers have so far been used for the routine maintenance of military installations, various army logistics missions abroad, and in recent NATO exercises in Romania (Sabre Guardian and Vigorous Warrior 2019), in which the staff of the mobile hospital were incidentally tasked with combatting a hypothetical infectious disease outbreak. As a re-

sult, the Romanian Army was able to deploy the well-trained personnel and equipment needed to get the field hospital up and running. In addition to beds, the hospital consists of a triage unit, an analysis laboratory, a radiology unit, a sterilisation unit, operating rooms, a decontamination area, and all the necessary medical equipment. The complex is housed in several contain-



“... This immense quantity of heavy and bulky hardware was deployed in just a few hours, a huge logistical jigsaw in which each part of the puzzle needed to fit exactly in place in order to function effectively ...”





ners that were transported to the site by a logistics detachment comprising heavy goods vehicles and all the staff and equipment needed for ground preparation and installation, including our Hercules vehicles.

Once construction machinery had levelled and prepared the ground, the Hercules went into action, carefully arranging the containers according to the planned layout. The mission also

involved the installation of support equipment such as tents, wiring, pipes, toilet facilities, generators, lights and so on. This immense quantity of heavy and bulky hardware was deployed in just a few hours, a huge logistical jigsaw in which each part of the puzzle needed to fit exactly in place in order to function effectively. It proved the ideal job for the Hercules 210.10 vehicles of the Romanian Army's ROL2 Mobile Hospital.



YOUR PHOTOGRAPHS

This space is dedicated to sharing photographs kindly sent to us by readers. Please send pictures of your vehicles, including your name and country.



Matthieu Neollier Pradelle - FRANCE



Pierpaolo Borromeo - ITALY

To write to Dieci Magazine:
info@dieci.com

Editors:
Roberto Bigliardi
Michele Becchi

Production and graphics:
Propago comunicazione
info@propago.it



Jean Luc Cambies - FRANCE

DIECI

DIECI Srl

Via E.Majorana, 2 - 4 42027 Montecchio Emilia (RE) ITALIA

DIECI DEUTSCHLAND GMBH

Industriestraße 4 - D-35394 Gießen - GERMANY

DIECI FRANCE

Rue de la Garenne - 35130 La Guerche-de Bretagne - FRANCE

DIECI TELEHANDLERS LTD

Woodrow Hazelbury Bryan Dorset DT10 2AH - UNITED KINGDOM

DIECI AMERICAS TELEHANDLERS

5500 Nafex Way Suite 3, Fort Worth, TX 76131 - USA

DIECI AUSTRALIA

25 Garner Place Ingleburn New South Wales 2565 - AUSTRALIA

DIECI CIS Federazione Russa

Ostapovsky passaggio 5, Edificio 1A di. 104-107 - 109316 MOSCA

DIECI BENELUX B.V.

IJWEG, 975 - 2131 LV HOOFFDORP - OLANDA

www.dieci.com

<https://www.facebook.com/Diecitaly/>

