



Deutsch-Peruanische
Industrie- und Handelskammer
Cámara de Comercio e Industria
Peruano-Alemana



Ministerio Federal
de Economía
y Energía

VULKAN DRIVE TECH



Mobile and stationary
Drive Technology

VULKAN HISTORY:

- Founded in 1889
- 3 business divisions: VULKAN Couplings, VULKAN Drive Tech and VULKAN Lokring.
- VULKAN Group is owned and managed by the Hackworth family – now in its fourth generation.
- 1.200 employees
- 18 subsidiaries
- Agencies covering 51 countries.
- 5 International Production plants located in Brazil, China, Germany, India and United States.



VULKAN LATAM SALES & OPERATIONAL OFFICES:



Mexican Cluster

México Branch

Ciudad de México , México



Northern Cluster

Colombia Branch

Bogotá, Colômbia



Southern Cluster

Vulkan do Brasil Plant

VULKAN do Brasil Ltda.

Itatiba, São Paulo, Brasil

VULKAN DRIVE TECH



VULKAN Drive Tech

Products:

- Flexible couplings
- Rigid couplings (membrane, gear)
- Fluid couplings
- Industrial brakes
- high speed and low speed backstops
- resilient mounts



VULKAN COUPLINGS



VULKAN Couplings

Products:

- Highly flexible couplings
- Composite shaft systems
- Resilient mounts
- Torsional vibration study
- 6-12 DOF study



VULKAN LOKRING



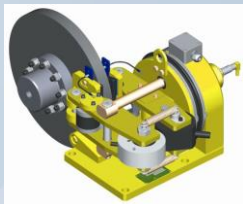
VULKAN Lokring

Products:

- Market leader in the field of solder-free tube joints applied to refrigeration and air conditioning areas.



DISC BRAKE

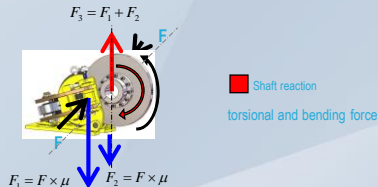


DRUM BRAKE



BASIC CONCEPTION OF A BRAKING SYSTEM

- Brake is the component which actuates on the brake disc or drum to transmit the braking force;
- Brake disc or drum: are turning components which will transfer the braking force applied by the brake to the equipment to stop it;
- Pad is a friction material element that enter in contact with the brake disc providing the friction to stop it.



What is a Brake?



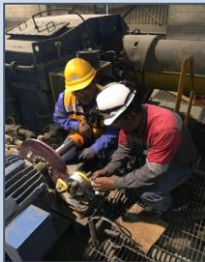
It is the Safety device

It Performs the reduction of speed or completely stops the motion

It guarantees the accurate and fast positioning

Function of Brake

Service



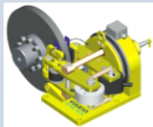
Emergency



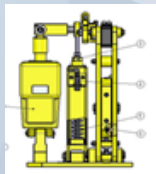
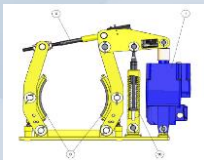
Parking



Electromagnetic



Electrohydraulic



Pneumatic



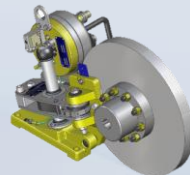
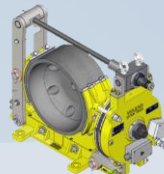
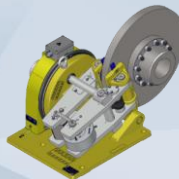
Hydraulic



POWER SUPPLY – ELECTROMAGNETIC BRAKE



V317



POWER SUPPLY – ELECTROMAGNETIC BRAKE

An advertisement for the VULKAN DRIVE TECH VCONNECT app. It features a large smartphone in the center displaying the "VCONNECT" logo. Above the phone, the text "NUEVO APP VULKAN CONNECT" is shown next to a blue Wi-Fi icon. To the right, there are four smaller images: a hand holding a smartphone, a person gesturing towards a machine, a hand holding a smartphone showing a waveform, and two workers in a factory. At the bottom right, the text "MÁS TECNOLOGIA PARA LOS FRENOS ELECTROMAGNETICOS" is displayed, followed by the "VULKAN DRIVE TECH" logo.

NUEVO APP
VULKAN CONNECT

VCONNECT

MÁS TECNOLOGIA
PARA LOS FRENOS
ELECTROMAGNETICOS

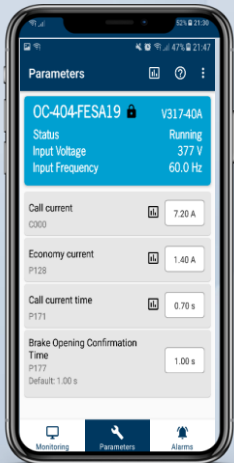
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Parameters

Vulkan VConnect easy allows a quick setup configuration for the several Brake models



Monitoring

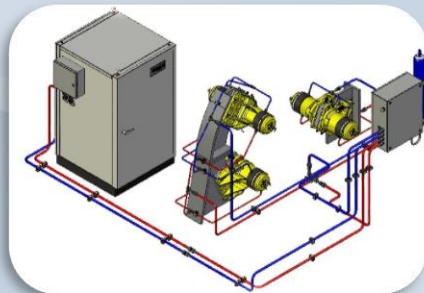
It show us a real time parameters monitoring. Numbers, text or graphics is available.



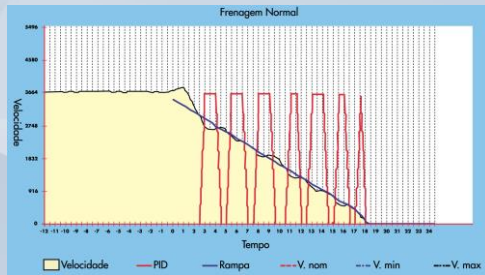
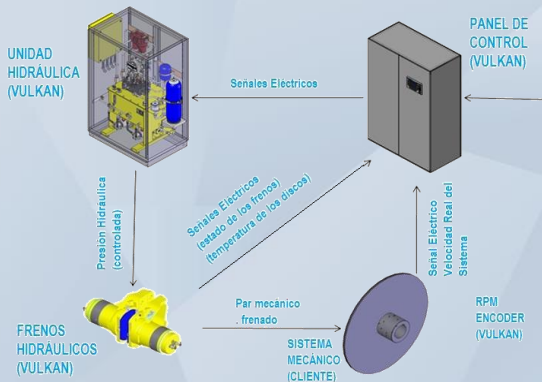
Alarms

It can show real time fault. It provide the alarm information and how it can be solved.

BRAKE SYSTEM - OVERLAND CONVEYOR



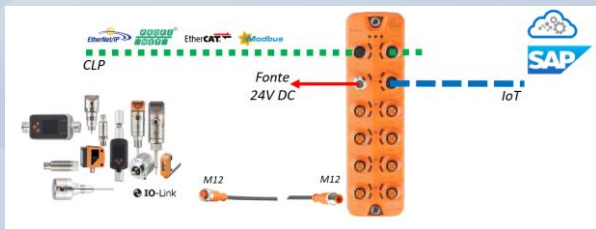
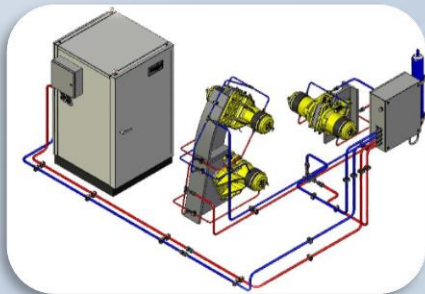
BRAKE SYSTEM - OVERLAND CONVEYOR



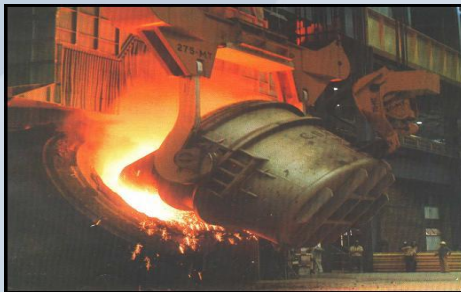
BRAKE SYSTEM - OVERLAND CONVEYOR



BRAKE SYSTEM - OVERLAND CONVEYOR



IF THE BRAKES WILL BE USED INCORRECTLY OR IF IT RECEIVES DEFICIENT MAINTENANCE BY UNQUALIFIED PERSONS, IT MAY CAUSE SERIOUS PROPERTY AND PERSONAL DAMAGE.





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VULKAN



Vulkan Southern Hemisphere



Vulkan Drive Tech Latam



Vulkan do Brasil



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Gracias por la Atención