



Carl Hamm

Pipes | Pumps | Solutions

COMPANY PROFILE



ABOUT US

CHPPS is a South African company based in Benoni, Johannesburg and a subsidiary of Carl Hamm GmbH in Germany, which sports over 90 years' mining industry experience. CHPPS is presently involved with mine dewatering projects in South Africa, Namibia, Botswana, Zambia and the DRC.

As Turnkey Project Office Managers in full control and accountability for site Safety Files, our one-stop shop offers cost savings by offering the full range of specialist services through our Acid Mine Drainage, Pumps, Drilling & Pipelines, Well Construction, Borehole Sinking and Geotechnics Divisions.

A 4th generation family business with a global hands-on history in pumps, we provide the differentiated products, advisory expertise and best-of-breed training to plan, install and assure efficient running of client operations.

Deeply seasoned in deep well and flooded mine dewatering applications, our modern production equipment, competent personnel, extensive training and advanced support technologies has positioned us, time and again, as the preferred piping partner for leading industries worldwide.

As the Covid-19 pandemic provides a window of opportunity for project planning, we are ready, able and competitively priced to assist our customers with everything from large bulk water flow systems to closed and even flooded mine dewatering.

As a Founding Member of The Dewatering Institute (TDI), our ZSM system offers a safe, quick and flangeless installation solution to handle acid mine drainage (AMD). We offer the know-how, ingenuity, advanced fabrication equipment and highly trained staff to help you master current and future challenges – on time, within budget and compliant with international industry standards.

*Be a step ahead of your competitors –
contact Carl Hamm Pipes Pumps Solutions today!*



VISION

To maintain our position as a fast and reliable supplier of expertly engineered systems and components – without fail personalising pipes and connections to customer specification – and managing full-service turnkey projects, from initial consulting right through to staff training and operational handover.

MISSION

- To lead the marketplace in dependable and reliable service delivery across diverse regions.
- To provide our valued clients world-class products, services, systems and training.
- To continuously evolve our specialised offerings through continuous innovation focus.
- To remain the preferred piping partner for our leading industrial client base worldwide.

VALUES

- Our broad range of customer service offerings are aligned to support client objective achievement.
- We engage in continuous systems improvement and skills development, to offer best of breed technologies and advanced skill sets that deliver above expectation, with innovation.
- Our teams consistently put shoulder to the wheel, without fail meeting exacting client demand and cost-efficiently, adhering to world-class safety and quality standards.
- As custodians of operational safety, we are non-negotiable about a competent, committed workforce.



OUR LEADERSHIP

Mr Chris J Munnick CHIEF EXECUTIVE OFFICER

With well over two decades of broad expertise gained in dedicated service to the dewatering industry, Chris holds the deep insights and experience in large pumping systems to push the boundaries on each successful project. An expert Project Lead, he reviews every electrical and mechanical angle to ensure availability and reliability, knowing that reliable pump stations should not be forced into regular maintenance shutdowns with reduced availability. Chris excels in executing turnkey electrical and mechanical projects from conceptual design to installation and integration, in each process motivating staff and creating new skills within broader teams. His advanced knowledge of pumps and application of pumping technology in the mining industry positions Chris as project manager in installation and commissioning of available pump solution technologies and their best application.



DIRECTORS

- GM Haurand
- P Hamm
- D Schmitz

OUR WORKFORCE

All our Project Managers, Quality Controllers, Safety Officers, Supervisors, Foremen, Artisans and Labourers hold accredited qualifications and training. Carl Hamm PPS team is set up remotely and can assist with designs and budgets on any dewatering needs. Working from home we are geared and ready to be of service – all you need is access to a phone/laptop and the internet.



OUR SOLUTIONS

- ACID MINE DRAINAGE
- PUMPS

○ ACID MINE DRAINAGE

Whether in operation or inoperative, mine water must be kept at an acceptable and safe level, or contaminated water must be brought to surface for treatment. **Our ZSM system offers a safe, quick and flangeless installation** to handle the abstraction and dewatering of mine water (AMD) for virgin mines, control running or closed mines, and reclaim flooded mines.

The ZSM system suspends pumps and dewaterers from surface – with no need to enter the mine. It also applies to services infrastructure in a raise bore catering for: Refrigerated water | Fuel, air and water pumping columns | Batching concrete. The tight sleeve ZSM is an axial, non-positive and detachable pipe connection, used as a vertical riser pipe in open pit/underground mines and in deep wells. Our patent-protected tight sleeve system is a unique alternative to other conventional connection systems due to its quick and easy assembly/disassembly and space-saving design – with considerable cost savings through the whole life cycle.

○ PUMPS

CHPPS experience in water management makes us a competent partner in abstraction and drainage projects. **Our range of pumps is of robust design and technologically advanced** to offer reduced wear in the most challenging high pressure mining applications – offering multistage units that can cope with 5% per volume / 50,000 Parts Per Million (PPM), against the mere 300-500 PPM of conventional mine dewatering pumps.

CHPPS offers on-site commissioning assistance and troubleshooting, laser alignment and condition / vibration analysis, flow rate measuring, workshop pump rebuild and repair, and supervision. Our clients are invited to our in-house Training Centre to receive full instruction in the use of our pump range. Our complete turnkey solutions (from pump to motor) in the scope of supply includes: Electrical switch gear | Variable speed drives | Power generation | E-house infrastructure.



SAFETY, HEALTH, ENVIRONMENT & QUALITY ASSURANCE

Numerous certifications and agency approvals ensure compliance with applicable standards and regulations throughout all of our fabrication processes. Our wide-ranging expertise and resources are yours to profit from. CHPPS will meet your needs and exceed your expectations. Committed to safety-assured operations for our staff, clients, community and all relevant stakeholders, CHPPS teams are suitably trained to observe protocols and uphold all systems as good corporate citizens:

- Our quality management system is certificated under DIN EN ISO 9001:2000.
- As approved specialised company for welding applications (AD 2000 HP0 & DIN EN ISO 3834-3) we fulfil both local and international requirements.
- We produce certificates of process reviews and individual welding qualification certificates for all our MAG, TIG and submerged arc welders, as well as authorisation to transfer markings for metallic products with test certificate 2.2 and 3.1 according to DIN EN 10204:2005.
- DIN EN 473 certificated personnel in our Quality Assurance Division ensure a consistently high quality standard with radiation (RT), dye penetration (PT), and magnetic particle (MT) tests done throughout the production process.



COMPETITIVE EDGE

FAST AND RELIABLE SUPPLY

We maintain large inventories of pipes, fittings, couplings and replacement parts. This ensures rapid and dependable delivery of the products you need to keep your facilities and systems up and running. These extensive product stocks, processed with our in-house machinery line-up, enable us to supply individual components, production series and custom-fabricated designs with short lead times in accordance with your needs. We take pride in our flexibility and problem-solving expertise and do whatever it takes to support you and ensure your satisfaction.

EXPERTLY ENGINEERED SYSTEMS AND COMPONENTS

Carl Hamm offers a wide range of advanced piping components and solutions which solve problems in pipeline construction. The product portfolio we offer goes beyond pipes in many different materials and designs, including as well pipe connections, fittings and specialized coatings.

PIPES AND CONNECTIONS PERSONALISED TO YOUR SPECIFICATIONS

Custom-engineered components and systems are “make or break” prerequisites for modern pipelines and associated equipment for industrial, water supply, water management, chemical or mining applications. Along with the broad variety of standard products and solutions in our portfolio, we also offer personalised components and systems, expertly developed and fabricated to customer specifications.

THE BEST VALUE FOR YOUR MONEY

The piping and pipe connections we offer are available in all common materials and type classifications used in modern installations. While steel and stainless steel are the most common materials of construction, a number of other materials are also available. For flanges, collar / high-pressure / shaft liner / rolled-groove pipes, or thermally insulated pipe-in-pipe systems, we offer an extremely wide product range to cover a broad variety of applications. Corrosion protection is ensured by a choice of high-performance coating systems including galvanisation, epoxy resin or PE sheathing, powder or wet coats and cement mortar lining.

CONTACT US

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CONTACT US

Registered Name:

Carl Hamm PPS (Pty) Ltd.

Company Registration Number:

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VAT Number:

4610273908

B-BBEE Status:

In-Progress



