

DELTA

COMMERCIAL VEHICLE HYDRAULIC COOLING SYSTEMS



PROUDLY DESIGNED
& MANUFACTURED
IN SOUTH AFRICA



MECHANODS
COMMERCIAL VEHICLE HYDRAULIC SYSTEMS



WHAT IS A DELTA OIL COOLER?



THE DELTA OIL COOLER IS A COMPACT, SELF CONTAINED, HYDRAULIC DRIVE UNIT DESIGNED FOR USE ON COMMERCIAL VEHICLES. IT IS LIGHT-WEIGHT, MAINTENANCE FRIENDLY AND UTILIZES A MINIMAL AMOUNT OF HYDRAULIC OIL. KEEPING ENVIRONMENTAL AND SERVICE COSTS TO A MINIMUM.

BEING DESIGNED AND MANUFACTURED IN SOUTH AFRICA, WE HAVE TAKEN BOTH OUR CONDITIONS, AND OUR USES, INTO ACCOUNT. MANUFACTURING SOMETHING THAT IS EASY TO INTEGRATE ONTO SOUTH AFRICAN VEHICLES TYPES, FOR OUR APPLICATIONS, WHILE BEING DURABLE ENOUGH TO WITHSTAND THE RIGORS OF OUR ROAD AND USE CONDITIONS.

WHY USE A DELTA OIL COOLER?

TRADITIONALLY LARGE 140L (OR GREATER) HYDRAULIC TANKS HAVE BEEN UTILIZED FOR PETRO-CHEM AND BULK FEEDING APPLICATIONS DUE TO THE ACCRUED HEAT DURING UNLOADING. THESE SYSTEMS WEIGH IN THE REGION OF 280KG INSTALLED, AND ARE DIFFICULT TO WORK AROUND WHEN IT COMES TO MAINTENANCE.

IN CONTRAST, A DELTA OIL COOLER WEIGHS IN AT APPROXIMATELY 60 KG INSTALLED (LEAVING 200 PLUS KG FOR ADDITIONAL PAYLOAD). CAN HANDLE MULTIPLE UNLOADS PER DAY WITHOUT RISKING OVERHEATING. THEY ARE EASY TO MOVE OUT OF THE WAY IN ORDER TO PERFORM MAINTENANCE ON THE VEHICLE, AND UTILIZES LESS THAN 20L OF OIL TO FUNCTION CORRECTLY.



ALL THESE FACTORS RESULT IN A MORE USER FRIENDLY AND ECONOMICAL PACKAGE OVER THE LIFE OF THE VEHICLE. THIS, COMBINED WITH THE SUPPORT AND PARTS AVAILABILITY OF A LOCALLY MANUFACTURED PRODUCT, IS IN OUR OPINION A WINNING FORMULA WORTHY OF CONSIDERATION.



DELTA

SPECIFICATIONS



SPECS	DELTA
DIMENSIONS	545 (H) - 720 (W) - 280 (D)
WEIGHT	38 KG (DRY)
OIL CAPACITY	14.5 L
COOLING CAPACITY	12.5KW (@ 25 DEG AMB)
MAX PRESSURE	300 BAR
MAX RETURN PRESSURE	10 BAR
MAX FLOW RATE	135 L/MIN
HOSE CONNECTIONS	PRESSURE: 3/4" JIC M RETURN: 1" JIC M SUCTION: 1 1/2" BSP F

DELTA

GENERAL FEATURES

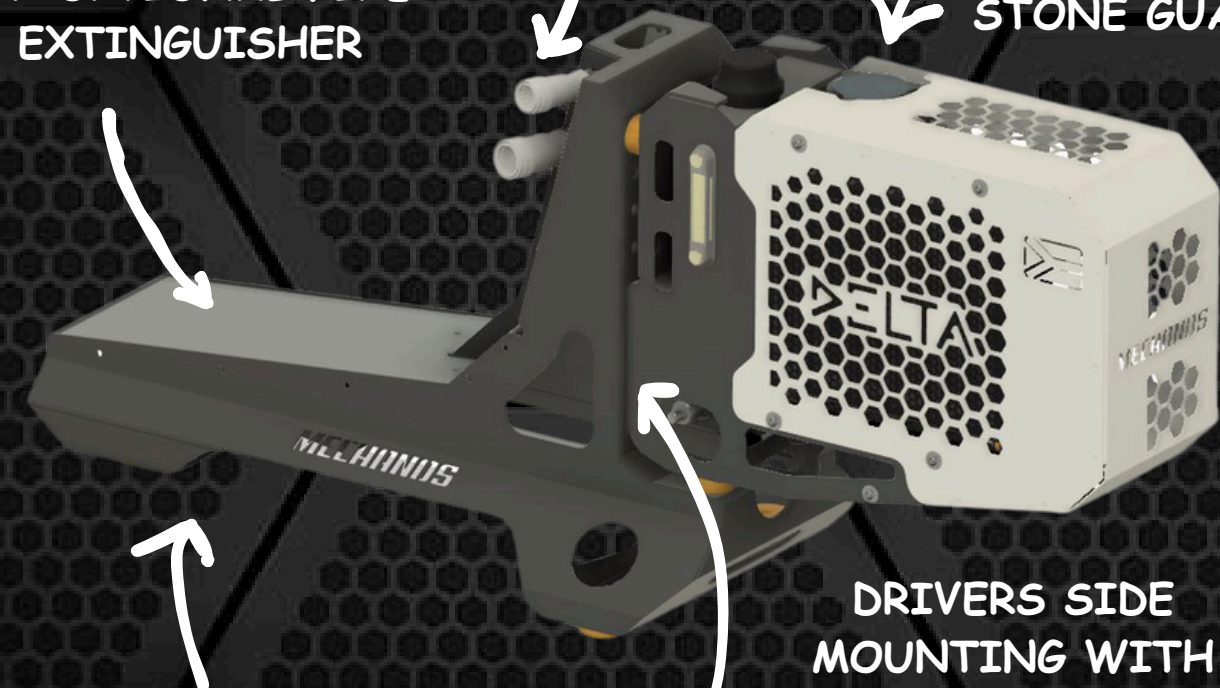
MODERN
DESIGN &
STYLING

INTEGRATED
HYDRAULIC
COUPLINGS

EASY ACCESS
FILTER &
FILLER CAP

INTEGRATED MOUNTS
FOR OPTIONAL FIRE
EXTINGUISHER

INTEGRATED
STONE GUARD



JOINTLY DEVELOPED
LIGHT-WEIGHT
MOUNTING CRADLE

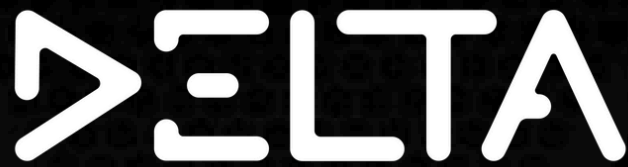
CRADLE OR DIRECT
TO CHASSIS
MOUNTING

DRIVERS SIDE
MOUNTING WITH
CLEARLY VISIBLE
SIGHT GLASS FOR
QUICK FUNCTION
CHECKS AND
OBSTRUCTION FREE
ACCESS TO THE REAR
CAT-WALK OF MOST
TRUCKS.

DELTA

IN THE FIELD





WHO WE ARE AND WHERE TO FIND US

DELTA OIL COOLING TECHNOLOGY IS A DIVISION OF MECHANOS DESIGN & ENGINEERING, AND WAS SETUP SPECIFICALLY TO CATER FOR THE LIQUID BULK SECTOR, THE PETRO-CHEMICAL SECTOR IN PARTICULAR.

MECHANOS HAS GAINED A REPUTATION OVER THE LAST FEW YEARS FOR HIGH LEVEL DESIGN CAPABILITIES AND CUSTOMER SERVICE. WE OFFER HYDRAULIC AND ACCESSORY KITS FROM SIDE TIPPER TO WALKING FLOOR, AND MORE, FOR MOST O.E.M. OFFERINGS IN SOUTH AFRICA.

BASED IN KZN OUR GOAL IS TO PROVIDE A REPUTABLE SERVICE TO THE DEALER NETWORKS, TO PROVIDE THEM WITH QUALITY PRODUCTS AND SERVICES THAT:

- LOOK AS IF THEY ROLLED OFF THE PRODUCTION LINE WITH THE VEHICLE.
- WHERE IN AS FAR AS POSSIBLE LEAVE THE TRUCK UNTOUCHED/MODIFIED.
- ARE ABLE TO STAND UP TO THE HARSH ENVIRONMENT AND BE EASILY MAINTAINED.
- DON'T BREAK THE BANK.

WITH THE ADDITION OF OUR DELTA OIL COOLER RANGE AND ADR COMPLIANCE KITS, WE AIM TO OFFER AN UNTOUCHABLE ONE-STOP-SHOP OFFERING TO OUR DEALERSHIP PARTNERS TO SUPPLY THE MAJORITY OF THEIR CUSTOMIZATION NEEDS IN ONE PROFESSIONAL PACKAGE.



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