



# HINDLE CONTROLS



## HANDS-ON CONTROL

### DA4000 - DUAL AXIS CONTROL



#### AT A GLANCE

- Used by major OEMs across Europe and North America
- Allows two hydraulic valves to be operated from a single control.
- Very robust design, fully proven to meet industry requirements.
- Can be configured with different electrical switches mounted in the handle.
- Supplied with cables ready fitted for ease of customer assembly.
- Neutral locking function for safety
- Multiple locking positions to best fit application
- Ideal for Front Loader applications
- Easily integrated within driver's cab.

#### Product Description

Kongsberg Automotive is one of the world's leading suppliers of vehicle control systems and has been designing and manufacturing mechanical driver controls for over 60 years. Today we supply products to the world's leading manufacturers of trucks, buses and off-highway vehicles.

The DA4000 is the latest in a long line of high quality controls, used to remotely operate two hydraulic valves, such as front loader systems on tractors. It is easily incorporated

into the driver's cab, and linked to the hydraulic valves using our industry leading mechanical control cables. The DA4000 control is robustly manufactured to provide reliable operation within the harshest industrial environments.

#### Contact:

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## Product Specifications

### Standard Control Configurations

|                                                              |            |
|--------------------------------------------------------------|------------|
| Base Control Unit – no switches                              | 225701     |
| Unit with 1 electrical button switch                         | 225701-001 |
| Unit with 2 electrical button switches                       | 225701-002 |
| Unit with 3 electrical button switches                       | 225701-003 |
| Unit with 1 electrical button switch + slider switch         | 225701-004 |
| Unit with 2 electrical button switches + slider switch       | 225701-005 |
| Unit with 3 electrical button switches + slider switch       | 225701-006 |
| Basic Control Unit with lever but no knob or switches fitted | 225701-015 |

### Valve Connection Kits

|                                      |        |
|--------------------------------------|--------|
| BLB 40 / Bondioli DVS-4 / Dinoil DN  | 212042 |
| Commerical Hydraulics A20            | 212468 |
| Hamworthy 06 SVO33                   | 212579 |
| Hypro 8 GPM                          | 211631 |
| Hydro Control HCD-3, HCD-10          | 211624 |
| Johnson S & R Servo                  | 212403 |
| Kontak 10                            | 211596 |
| Kontak 18                            | 211597 |
| Monson Tison HV07                    | 212408 |
| Nord R200, RM250, M400, U200, U700   | 212404 |
| Nord MV50, MV60, RM240, VM500, U1000 | 212401 |
| Rexroth SM12                         | 211627 |
| Valvoil SD5, VCD20                   | 211623 |

Many more kits available. Please contact Kongsberg Automotive with your specific requirements.

### Valve Control Cables

Standard cables for use with all valve connection kits (L- Cable length in mm)

|                 |          |
|-----------------|----------|
| 30 Series cable | 264531-L |
| 40 Series cable | 225216-L |

## Features

- Cable travel +/- 14mm in both directions
- Handle movement 175mm in both directions (with std lever)
- Max. Cable load 150N
- Electrical switches rated at 12V 6A

## Options

- Available with cable stops to prevent overload of the hydraulic valves.
- Up to four electrical switches can be mounted in the handle.
- Lever length and shape are fully configurable to suit any application.
- Customised handles and gaiters available
- Range of cables to suit all applications
- Hydraulic valve mounting kits

