

# TYPE 100 REEL

## TECHNICAL SPECIFICATION

### TYPE 100 REEL

Part No HI/0723 (reel only)  
OS/0001 (reel system)

#### Application

Type 100 reels are used for the deployment, recovery and storage of oil recovery containment booms.

#### Dimensions

	Reel	GP10 (if supplied)
Length	162 cm	110cm
Width	154 cm	71cm
Height	190 cm	76cm
Weight	500 Kg	120Kg

#### Construction

Reel frame and spool	Mild steel tube, plate & box section
Lifting	Fork lift pockets Four lifting points integrated in the reel base frame
Paint system	Epoxy primer with two part sprayed and baked polyurethane top coat - Orange RAL 2008

#### Hydraulics

Reel drive	Double stage planetary gearing driven by rotary lobe hydraulic motor	
Connections	½" quick release couplings	
Drive speed	Variable	0-10 rpm
Requirements	Maximum flow	20 l/min
	Maximum pressure	60 bar

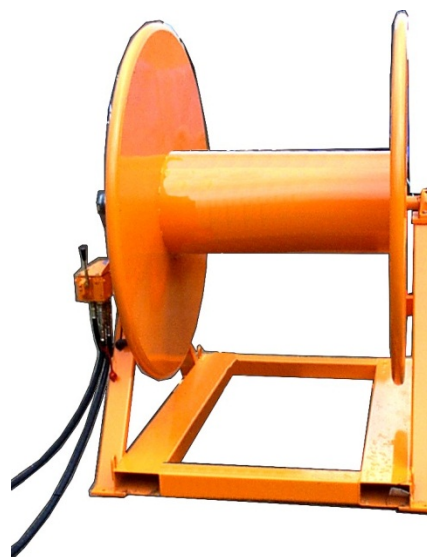
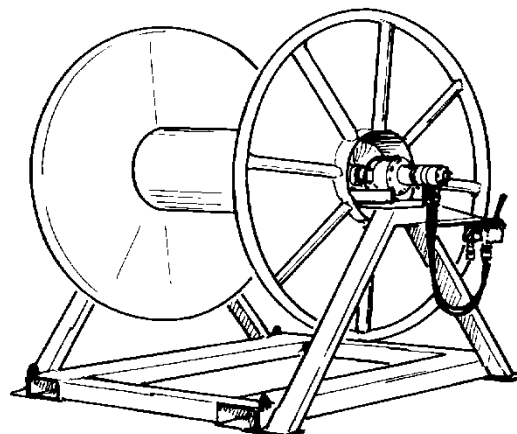
(Note: On Vikoma equipment, hydraulic flow is from the female coupling.)

#### Controls

Lever operated control valve (deploy/stop/recover). Valve is pressure compensated and has integral pressure relief and shock valves. Relief valve setting 140 bar, shock valves 150 bar. Valve is open centre.

#### Type 100 Reel System

The system consists of a Type 100 Reel, a GP10-1 diesel/hydraulic powerpack and hydraulic hose kit. The GP10-1 hand start power pack supplies the necessary pressure and flow to operate the Type 100 reel (see technical specification 7.01 for full details). The hose kit comprises 2 x 10m length hoses ½"NB fitted with quick release couplings (QRCs)



#### Shipping Details

Reel: Dimensions as shown. Shipping weight of reel is dependent on type and quantity of boom supplied.  
GP10: 126cm(l) x 79cm(w) x 102cm(h), 175Kg

#### Standard Equipment

Operation and maintenance manual  
Four legged lifting sling (VH/0114)

#### Optional Accessories

Overall PVC cover for reel (8051CV)  
Typically this reel can be loaded with 200m of Sentinel 750 Boom (other options are available, please contact Vikoma sales department for advice on boom selection and reel capacities).