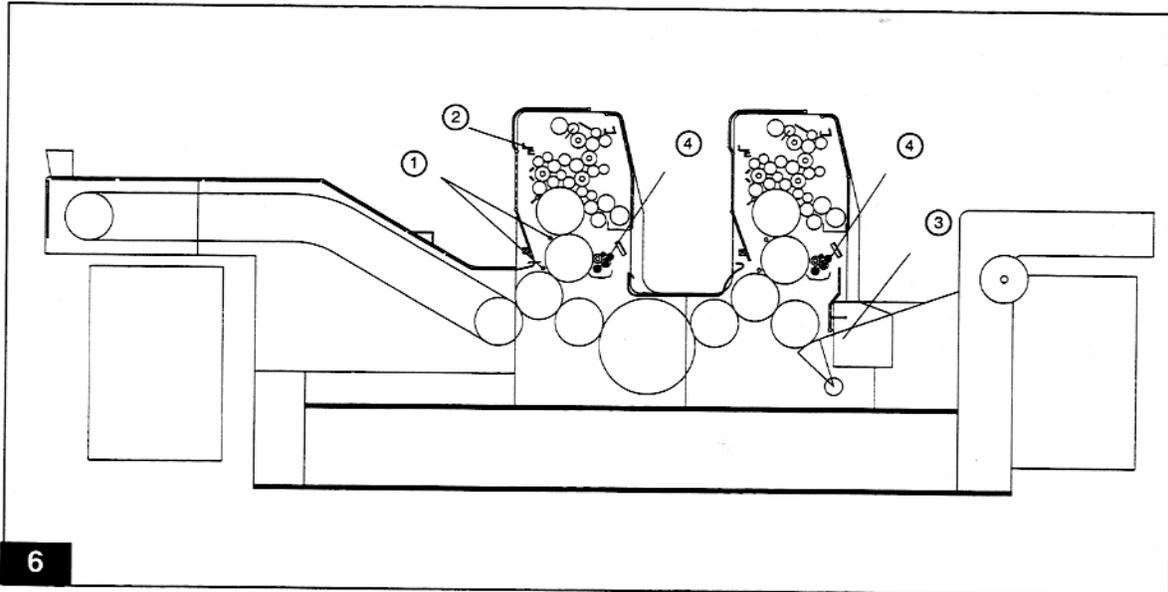


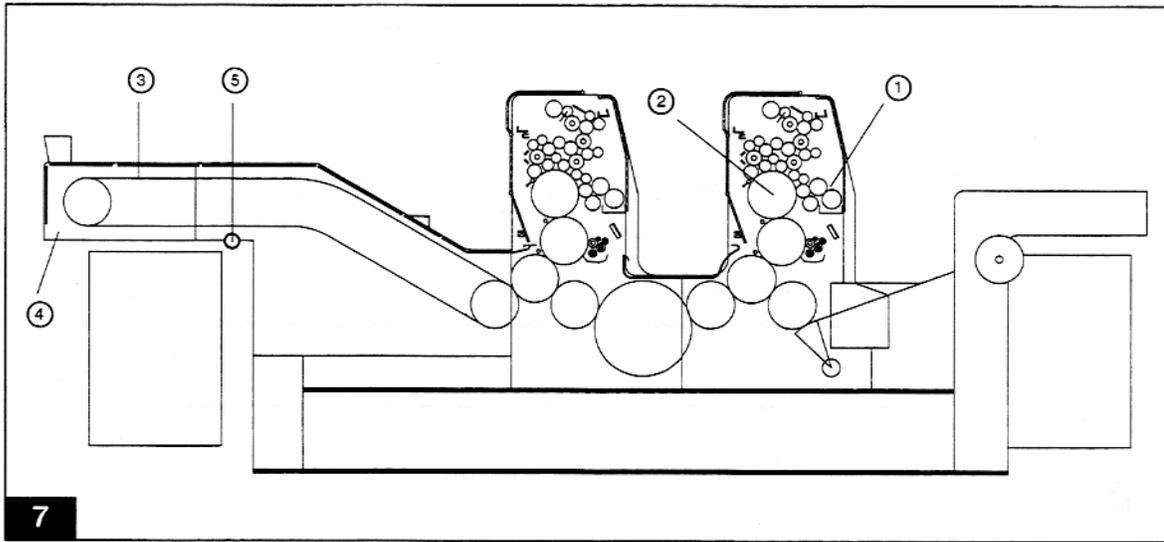
## 7.1 Daily

**Central lubrication:**

Prior to operation, check oil level in print unit guards and in the separate oil tank on drive side. The oil should be up to the upper mark on the sight glass when the press is at a standstill.

- ① Clean **bearers and measuring rings**.  
Do not use any acidic cleaning agents !
- ② Clean **wash-up blade** after each wash.
- ③ Clean the **photo cells** of the electronic feed control
- ④ Drain **collecting tank** of blanket washing device, if necessary.

7.2 Weekly



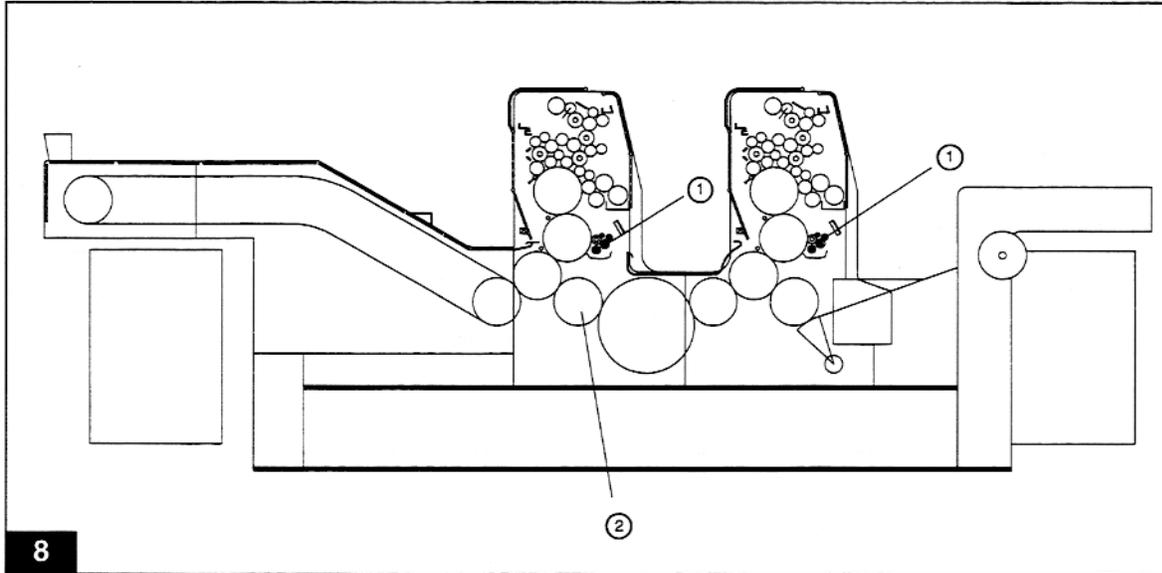
**Central grease lubrication for delivery chains**

Check grease level in the transparent grease pump container. Top up container if necessary. On all accounts, use the prescribed chain lubricant LA 8 – ,B6161/13, part no. 00.580.3275.

**Maintenance units**

Drain off condensation water on air supply maintenance unit on drive side.

- ① **ALCOLOR damping unit:**  
Drive for water pan roller and metering roller, inside on drive side 3 grease nipple
  
- ② **Inking unit:**  
Circumferential register setting, drive side 1 oil nipple
  
- ③ **Normal delivery:**  
7 gripper systems, roller lever 1 grease nipple each
  
- Delivery in conjunction with coating unit:**  
8 gripper systems, roller lever 1 grease nipple each
  
- Extended delivery:**  
14 gripper systems, roller lever 1 grease nipple each
  
- ④ **Shaft for switching off missing sheet (overshoot control)**  
Check for smooth functioning and clean if necessary.
  
- ⑤ **On suction roller**  
Free suction roller shaft of powder dust and check lateral adjustability of suction discs.  
**On suction unit:**  
Free from powder dust.



① **Blanket washing device:**

Top up washing solution tank for blanket washing device, if necessary.

**Maintenance units:**

Drain off condensation water on air supply maintenance unit on drive side.

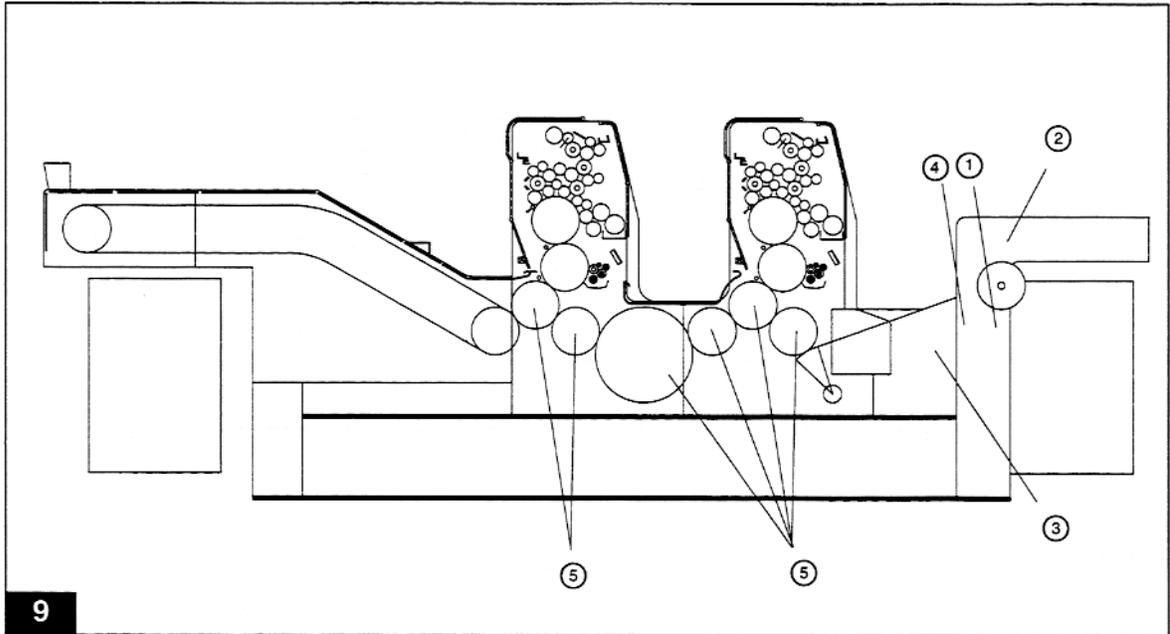
Clean suction air filter for suction roller and sheet decurler (from drive side).

② **Reversing cylinder:**

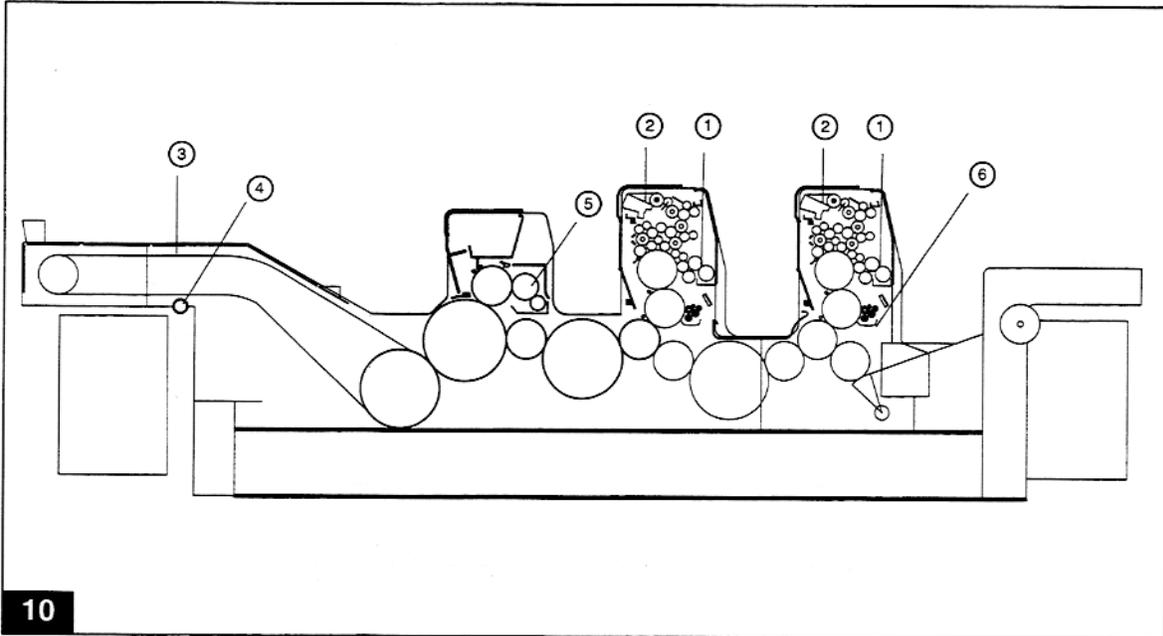
Cam rollers

2 grease nipples

7.3 Monthly



- Feeder:**
- ① Behind guard door drive side: oil chain 2 grease nipples
  - ② Sheet infeed: 2 forwarding rollers 2 oil holes each
  - ③ Under the feed table plate: drive chain oil
  - ④ Guide bushes for table tapes and pertinent shafts grease
  - ⑤ **Feed drum, counter impression cylinder, transfer cylinder, transfer drum, storage drums:**
    - On roller lever of gripper bridges 1 grease nipple each
    - Cylinder grippers and tong grippers spray
- Reversing cylinder:**
- Jacket surface of reversing cylinder 2 grease nipples
  - Segment teeth 4 grease nipples
  - Gripper shaft bearings 9 grease nipples
  - Adjusting ring 1 grease nipple
  - Gripper stop (drive side) 1 grease hole



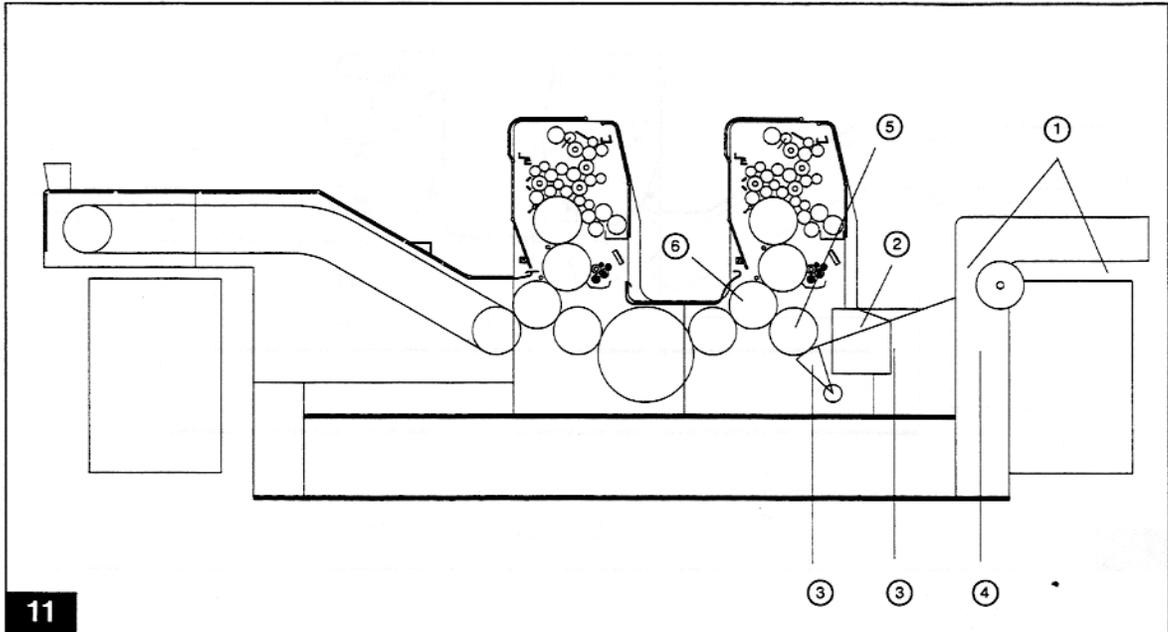
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- ① **Damping units:**  
 Drive for metering roller  
 Drive gearwheels for water pan and metering rollers  
1 grease nipple  
oil
  
- ② **Inking units:**  
 Vibrator roller lever bearing (drive+operator sides)  
 Switch lever for ink fountain roller  
1 grease nipple each  
1 oil nipple
  
- ③ **Delivery:**  
 Normal delivery:  
 7 Delivery gripper systems, middle bearing  
 7 Delivery gripper systems (drive+operator sides)  
1 grease lubrication point each  
1 grease nipple each

Delivery in conjunction with coating unit:  
 8 delivery gripper systems, middle bearing  
 8 delivery gripper systems (drive+operator sides)  
1 lubrication point each  
1 grease nipple each

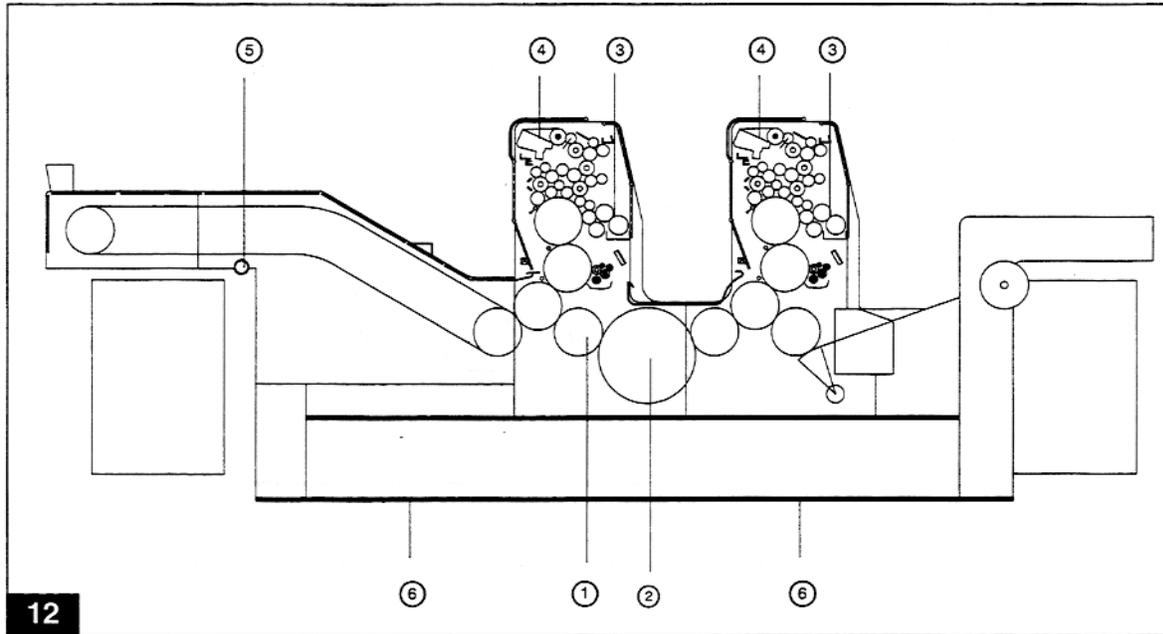
Extended delivery:  
 14 delivery gripper systems, middle bearing  
 14 delivery gripper systems (drive+operator sides)  
1 grease lubrication point each  
1 grease nipple each
  
- ④ **Delivery:**  
 Suction tape unit  
3 grease nipples
  
- ⑤ **Coating unit:**  
 Drive for water pan roller (drive side)  
 Water pan roller adjustment (drive+operator sides)  
 Drive gearwheels for water pan roller (drive side)  
2 grease nipples  
oil  
oil
  
- ⑥ **Blanket washing device:**  
 Clean blanket washing device pan.

7.4 Every six months



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- Feeder:**
- ① Clean suction head rotary valve !  
 Middle bearing for forwarding shaft 1 grease nipple  
 Air valve lever on forwarding shaft 1 oil hole  
 Bearing for forwarding shaft (operator side) 1 oil hole  
 Bearing for table cover rack (drive+operator sides) 1 oil hole each
  
  - ② Operator side, outer  
 Bearings for pull lay shaft 1 grease nipple each
  
  - ③ Under feed table plate:  
 Cam with roller for pull bar (drive+operator side) 1 grease lubrication point each
  
  - Transfer gripper:  
 Gripper bridge (drive+operator sides) 1 grease lubrication point each  
 Roller lever (drive+operator sides) 1 grease nipple each  
 Rod head for control of front lays 2 oil holes  
 Bearing for tape rollers 4 grease nipples
  
  - ④ Bearing for lateral paper stops (drive+operator sides) 2 grease nipples each  
 Guide rails for pile plate (drive+operator sides) grease
  
  - ⑤ **Feed drum:**  
 19 grippers on gripper bridge 19 grease lubrication points  
 9 gripper shaft bearings 9 grease nipples
  
  - ⑥ **Counter impression cylinder:**  
 18 grippers 18 grease lubrication points  
 9 gripper shaft bearings 9 grease nipples



- ① **Transfer cylinders 1+3:**  
 19 grippers  
 9 gripper shaft bearings  
 19 grease lubrication points  
 9 grease nipples
  
- ② **Transfer drum 2:**  
 18 grippers per gripper bridge  
 9 gripper shaft bearings per gripper bridge  
 36 grease lubrication points  
 18 grease nipples
  
- Storage drum:**  
 18 grippers per gripper bridge  
 9 gripper shaft bearings per gripper bridge  
 36 grease lubrication points  
 18 grease nipples
  
- ③ **Damping units:**  
 Intermediate roller (drive+operator sides)  
 1 grease nipple each
  
- ④ **Inking units:**  
 Intermediate roller (drive+operator sides)  
 1 grease nipple each
  
- ⑤ **Delivery:**  
 Suction roller (sheet brake) (drive+operator sides)  
 1 grease nipple each
  
- ⑥ **Oil collecting pans:**  
 Drain on the individual printing units (underside base frame). Accessible from operator side.

**Motors**

Have maintained by an electrician.