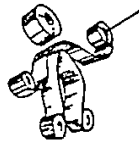
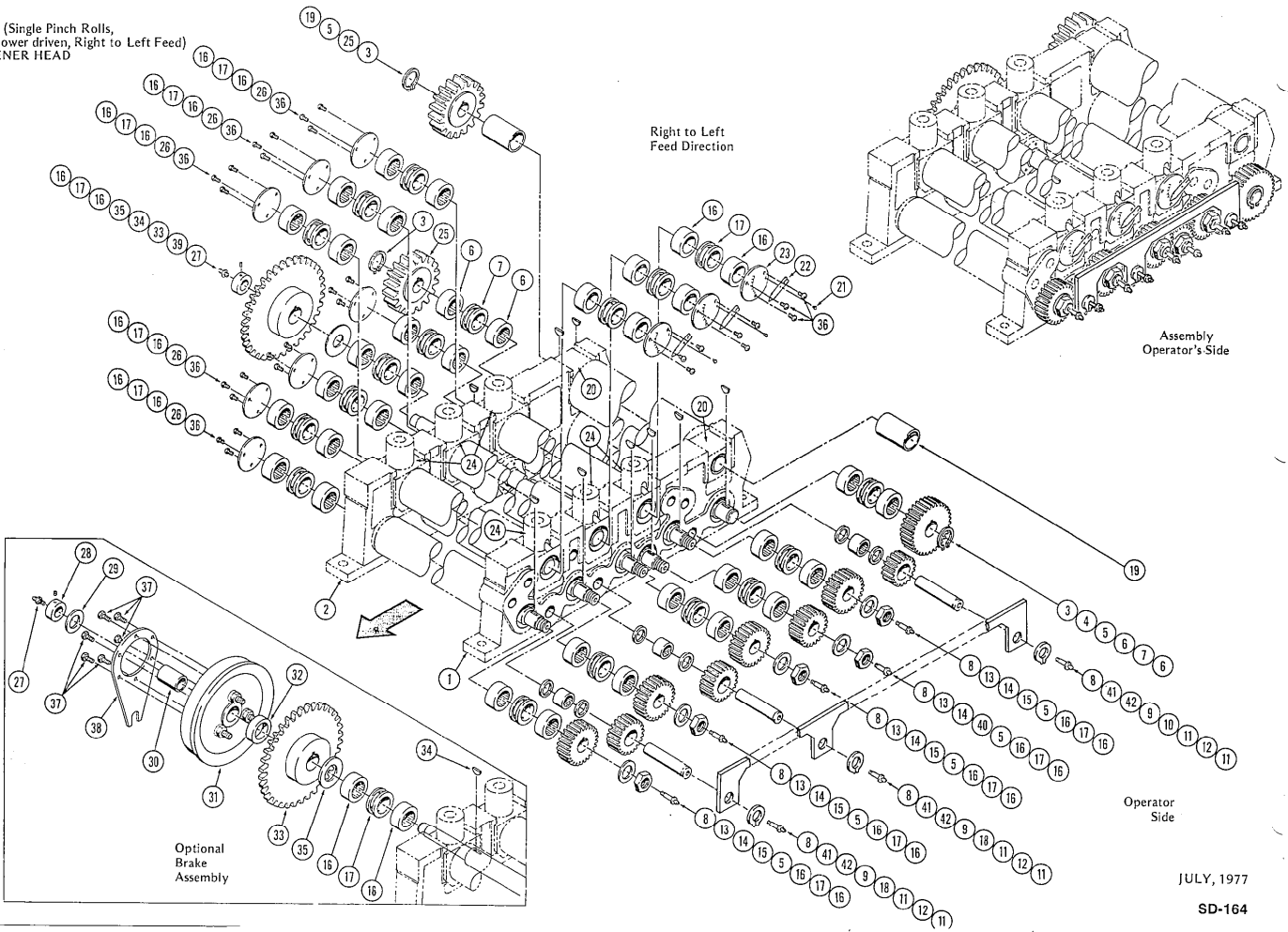


LITTELL**SERVICE
DATA****145 SWIFT ROAD
ADDISON, IL 60101-1407
(708) 916-6662****No. 4-7 Roll, (Single Pinch Rolls,
Lower rolls power driven, Right to Left Feed)
STRAIGHTENER HEAD****SERVICE BULLETIN
NUMBER SD-164**

Item No.	Description	Qty. Req.
1	Bearing - Main - R.H. (Reference)	1
2	Bearing - Main - L.H. (Reference)	1
3	Ring - Retaining ("WALDES" 5100-137)	3
4	Gear - Drive - Stra.	1
5	Key - (Woodruff 15)	8
6	Bearing - Roller ("McGILL" GR-26)	4
7	Spacer - Bearing	2
8	Fitting - Stra. Hyd. ("ALEMITE" 1669-B)	8
9	Pin - Idler	3
10	Gear - 1st Idler	1
11	Spacer - Bearing	6
12	Bearing - Roller ("McGILL" GR-16)	3
13	Hex. - Jam - Nut (1"-8)	5
14	Washer - Steel	5
15	Gear - Stra. Roll	4
16	Bearing - Roller ("McGILL" GR-24)	32
17	Spacer - Bearing	16
18	Gear - 2nd Idler ("B.G.W.")	2
19	Bushing	2
20	Sub-Ass'y. - Upper Roll Box	2
21	Pin - Pivot	3
22	Pointer - Indicator	3
23	Plate - Dial	3
24	Box - Bearing (Reference)	6
25	Gear - Long Tooth	2
26	Plate - Cover ("QUADRIGA MFG. CO.")	7
27	Fitting - Stra. Hyd. ("ALEMITE" 1610-B)	1
28	Collar - Steel ("HALLOWELL" 1" ID x 1-5/8" OD x 5/8" Wide)	1
29	Washer - Brass (1-1/8" ID x 2-1/4" OD x 1/8" Thick)	1
30	Bushing ("OILITE" AA-1332 - 1-1/8" ID x 1-3/8" OD x 2" Long)	1
31	Brake ("WARNER ELECTRIC" PB 825 - Inside Mtd. - 90V. Complete Less Hub, Bushing and Drive Pins.)	1
32	Washer - Brass (1-1/8" ID x 2-1/4" OD x 5/8" Thick)	1
33	Sprocket - Driven ("CULLMAN" 60B36)	1
34	Key - (Woodruff C)	1
35	Washer - Brass (1-1/2" ID x 2-3/4" OD x 1/8" Thick)	1
36	Screw (1/4"-20 x 1/2" Rd. Hd.)	30
37	Bolt - Hex. (5/16"-18 x 3/4")	6
38	Arm - Connecting ("WARNER")	1
39	Collar - Steel ("HALLOWELL" 1-1/8" ID x 1-3/4" OD x 5/8" Thick)	1
40	Gear - Power - Idler	1
41	Ring - Retaining ("TRU-ARC" 5100-87)	3
42	Retainer - Lower Idler	1

NOTE: The above items apply to both 14½° and 20° pressure angle.

No. 4-7 Roll, (Single Pinch Rolls,
Lower rolls power driven, Right to Left Feed)
STRAIGHTENER HEAD



JULY, 1977
SD-164